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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) FALLON, --ETC(U)
JUL 78

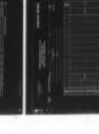
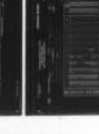
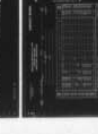
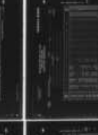
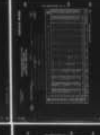
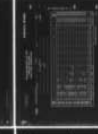
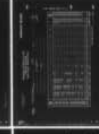
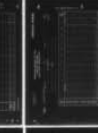
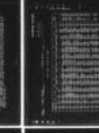
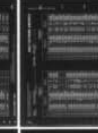
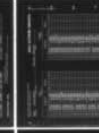
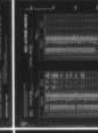
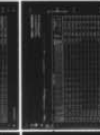
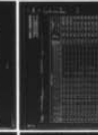
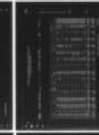
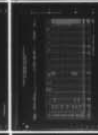
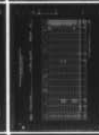
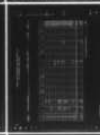
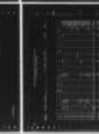
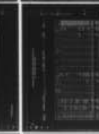
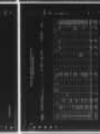
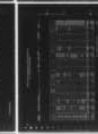
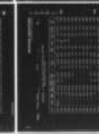
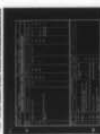
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LEVEL II

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DIRECTOR

NAVAL OCEANOGRAPHY AND METEOROLOGY

S M O S

(Summary of Meteorological Observations, Surface)

Prepared by
Naval Weather Service Detachment
Federal Building
Asheville, N. C. 28601

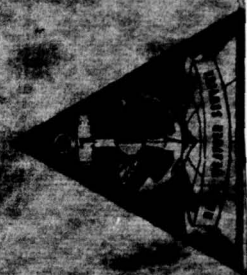
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Station ELIZON, NV

Period 1972-77

Date JULY, 1978



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| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
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| 1. REPORT NUMBER | 2. GOVT ACCESSION NO | 3. RECIPIENT'S CATALOG NUMBER |
| 4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Fallon, Nevada | | 5. TYPE OF REPORT & PERIOD COVERED Reference report 1945-1977 |
| | | 6. PERFORMING ORG. REPORT NUMBER |
| 7. AUTHOR(s) Naval Weather Service Detachment Asheville, N. C. 28801 | | 8. CONTRACT OR GRANT NUMBER(s) |
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| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | |
| 18. SUPPLEMENTARY NOTES | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, weather conditions , snow depth, cloud cover, Fallon, Nevada | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure | | |

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| ACCESSION for | |
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| Dist. | AVAIL and/or SPECIAL |
| A | |

| STATION NO. ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV. (FT.) | CALL SIGN | AMC NUMBER |
|------------------------|----------------|-----------|------------|---------------------|-----------|------------|
| 93102 | Fallon, Nevada | 39° 25' N | 118° 42' W | 3934 | KNFL | |

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF BARO LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|-------------------------|--|-----------------|------------------|------|-----------|------------|---------------------|---------------------|-------------|
| | | | FROM | TO | | | FEET | TYPE BAROMETER | |
| 1. | Weather service office | Navy | 1952 | 1967 | 39° 25' N | 118° 42' W | 3934 | Mercurial | Var |
| 2. | " | " | 1967 | 1976 | " | " | 3940 | " | Var |
| 1a. | " | " | 1968 | 1977 | " | " | 3942 | Aneroid | Var |
| 1b. | ESE of Weather service office 1300 ft | " | 1977 | | " | " | 3940 | Pressure transducer | 18 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS ADDITIONAL EQUIPMENT OR REASON FOR CHANGE |
|--------------------|----------------|---|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1. | 1944 | Roof | SA(F103-F003) | 9 light | 27' | |
| 2. | Unknown | Aerovane atop 90' control tower | | | | |
| 3. | " | 600' E of Aerology Bldg HC anemometer atop Aerology Bldg | HC | " | 30' | |
| 4. | 1955 | 21 foot platform(replaces item #3) | AN/UMQ-5B | Unknown | 21' | |
| 5. | 1958 | Atop control tower | AN/UMQ-5C | RD-108B | 85' | |
| 6. | 1958 | Relocated near main runway | " | " | 15' | |
| 7. | 1977 | Near main runway | " | R0447A | 15' | |

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWS), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

5761 WEATHER CONDITIONS JAN 1988

93102 FALLON, NEVADA STATION NAME 73-77 YEARS MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|----------------|---------------------|----------------------------|-------------------|------|-----------------------|------|-------------------|--------------|------------------|------------------------------|-------------------|
| JAN | 01 | | | | | | | | | | | | 1 |
| | 04 | | | | | | | 50.0 | | | | 50.0 | 2 |
| | 07 | | .7 | | 3.3 | | 3.9 | 17.8 | | | | 17.8 | 152 |
| | 10 | | 3.2 | | 4.5 | | 7.1 | 6.5 | | | | 6.5 | 154 |
| | 13 | | 1.9 | | 1.9 | | 3.2 | 1.9 | | | .6 | 2.6 | 154 |
| | 16 | | 1.9 | | 1.3 | | 3.2 | .6 | | | .6 | 1.3 | 154 |
| | 19 | | 3.3 | | 2.6 | | 5.9 | 3.3 | | | | 3.3 | 153 |
| | 22 | | 3.3 | | 4.6 | | 7.3 | 4.0 | | | | 4.0 | 151 |
| | | | | | | | | | | | | | |
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| TOTALS | | | 1.8 | | 2.3 | | 3.8 | 10.5 | | | .2 | 10.7 | 921 |

NAVWEASERVCOM

WEATHER CONDITIONS

MAR
MONTH

73-77
YEARS

93102 FALLON, NEVADA
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAR | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 6 |
| | 07 | | 1.3 | | 3.2 | | 4.5 | | | | | | 155 |
| | 10 | | 1.3 | | .6 | | 1.9 | | | | | | 155 |
| | 13 | | 2.6 | | 3.9 | | 6.5 | | | | 1.9 | 1.9 | 155 |
| | 16 | | 3.2 | | .6 | | 3.9 | | | | 2.6 | 2.6 | 155 |
| | 19 | | 5.2 | | .6 | | 5.8 | | | .6 | 1.9 | 1.9 | 155 |
| | 22 | | 4.5 | | 1.3 | | 5.8 | | | | | | 155 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | | 2.6 | | 1.5 | | 4.1 | | | .1 | .9 | .9 | 936 |

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1978

93102 FALLON, NEVADA STATION NAME 73-77 YEARS MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|----------------|---------------------|----------------------------|-------------------|------|-----------------------|-----|-------------------|--------------|------------------|------------------------------|-------------------|
| APR | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 2 |
| | 07 | | 3.3 | | 2.0 | | 4.7 | .7 | | | | .7 | 150 |
| | 10 | | .7 | | 2.0 | | 2.7 | | | .7 | | .7 | 150 |
| | 13 | | .7 | | 1.3 | | 2.0 | | | | | | 150 |
| | 16 | 1.3 | 2.7 | | 1.3 | | 4.0 | | | | 2.0 | 2.0 | 150 |
| | 19 | | 3.3 | | .7 | | 4.0 | | | | | | 150 |
| | 22 | | 1.3 | | 2.0 | | 3.3 | | | | | | 150 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .2 | 1.7 | | 1.3 | | 3.0 | .1 | | .1 | .3 | .5 | 902 |

WEATHER CONDITIONS

93102 FALLON, NEVADA STATION NAME 73-77 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|----------------|---------------------|----------------------------|-------------------|------|-----------------------|-----|-------------------|--------------|------------------|------------------------------|-------------------|
| MAY | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 1 |
| | 07 | | 1.9 | | .6 | | 2.6 | | | | | | 155 |
| | 10 | | 1.9 | | .6 | | 2.6 | | | | | | 155 |
| | 13 | .6 | .6 | | | | .6 | | | | .6 | .6 | 155 |
| | 16 | .6 | 2.6 | | | | 2.6 | | | | 1.3 | 1.3 | 155 |
| | 19 | .6 | 3.9 | | | | 3.9 | | | | | | 155 |
| | 22 | | 3.2 | | .6 | | 3.2 | | | | .6 | .6 | 155 |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| TOTALS | | .3 | 2.0 | | .3 | | 2.2 | | | | .4 | .4 | 931 |

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 198

JUN
MONTH

73-77

YEARS

93102 FALLON, NEVADA

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 1 |
| | 07 | | 1.3 | | | | 1.3 | | | | | | 150 |
| | 10 | | 1.3 | | | | 1.3 | | | | .7 | .7 | 150 |
| | 13 | | 2.0 | | | | 2.0 | | | | .7 | .7 | 150 |
| | 16 | .7 | 4.0 | | | | 4.0 | | | | .7 | .7 | 150 |
| | 19 | 2.7 | 4.7 | | | | 4.7 | | | | | | 150 |
| | 22 | | 3.4 | | | | 3.4 | | | | | | 149 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 2.4 | | | | 2.4 | | | | .3 | .3 | 900 |

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1988

JUL
MONTH

YEARS

73-77

93102 FALLON, NEVADA STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 1 |
| | 07 | | 1.3 | | | | 1.3 | | | | | | 155 |
| | 10 | | .6 | | | | .6 | | | | | | 155 |
| | 13 | | 1.3 | | | | 1.3 | | | | | | 155 |
| | 16 | 1.9 | 2.6 | | | | 2.6 | | | | | | 155 |
| | 19 | 1.9 | 3.9 | | | | 3.9 | | | | | | 155 |
| | 22 | | 1.3 | | | | 1.3 | | .6 | | | .6 | 154 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 1.6 | | | | 1.6 | | .1 | | | .1 | 930 |

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 8

AUG
MONTH

73-77

YEARS

FALLON, NEVADA
STATION NAME93102
STATIONPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG | 01 | | | | | | | | | | | | 3 |
| | 04 | | | | | | | | | | | | 3 |
| | 07 | | 2.6 | | | | 2.6 | | 1.3 | | | 1.3 | 155 |
| | 10 | | 1.9 | | | | 1.9 | | 1.3 | | | 1.3 | 155 |
| | 13 | .6 | .6 | | | | .6 | | .6 | | | .6 | 155 |
| | 16 | 1.3 | .6 | | | | .6 | | .6 | | | .6 | 155 |
| | 19 | 3.2 | 4.5 | | | | 4.5 | | | | 1.3 | 1.3 | 155 |
| | 22 | | 3.2 | | | | 3.2 | .6 | .6 | | | 1.3 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .6 | 1.7 | | | | 1.7 | .1 | .6 | .6 | .2 | .6 | 936 |

WEATHER CONDITIONS

SEP
MONTH

73-75.77

YEARS

FALLON, NEVADA

93102
STATIONPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 2 |
| | 07 | | 1.7 | | | | 1.7 | .8 | | | 1.7 | 2.5 | 120 |
| | 10 | | | | | | | | | | .8 | .8 | 120 |
| | 13 | | .8 | | | | .8 | | | | | | 120 |
| | 16 | | | | | | | | | | | | 120 |
| | 19 | 1.7 | 3.3 | | | | 3.3 | | | | .8 | .8 | 120 |
| | 22 | | .8 | | | | .8 | | | | .8 | .8 | 120 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | .9 | | | | .9 | .1 | | | .6 | .7 | 722 |

WEATHER CONDITIONS

5761 WEATHER CONDITIONS JAN 8

93102 FALLON, NEVADA 73-77 OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|----------------|---------------------|----------------------------|-------------------|------|-----------------------|-----|-------------------|--------------|------------------|------------------------------|-------------------|
| OCT | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 3 |
| | 07 | | 1.9 | | | | 1.9 | | | | | | 155 |
| | 10 | .6 | 3.2 | | | | 3.2 | | | | | | 155 |
| | 13 | | 3.9 | | | | 3.9 | | | | | | 155 |
| | 16 | | 1.3 | | | | 1.3 | | | | | | 155 |
| | 19 | | 1.9 | | | | 1.9 | | | | .6 | .6 | 155 |
| | 22 | | 3.9 | | | | 3.9 | | | | | | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 2.3 | | | | 2.3 | | | | .1 | .1 | 933 |

WEATHER CONDITIONS

5701 0000 WEATHER CONDITIONS JAN 0008

NOV
MONTH

73-77
YEARS

FALLON, NEVADA
STATION NAME

93102
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| NOV | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | 1 |
| | 07 | | 1.3 | | | | 1.3 | 2.0 | | | | 2.0 | 149 |
| | 10 | | .7 | | | | .7 | | | | | | 150 |
| | 13 | | 2.7 | | 1.3 | | 4.0 | | | | | | 149 |
| | 16 | | 2.0 | | 1.3 | | 3.4 | | | | | | 149 |
| | 19 | | .7 | | 1.3 | | 2.0 | | | | | | 149 |
| | 22 | | .7 | | | | .7 | | | | | | 149 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 1.2 | | .6 | | 1.7 | .3 | | | | .3 | 896 |

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1977

DEC
MONTH

73-77
YEARS

STATION NAME

FALLON, NEVADA

93102
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| DEC | 01 | | | | | | | | | | | | |
| | 04 | | | | | | | | | | | | |
| | 07 | | 2.0 | | 1.3 | | 3.4 | 10.1 | | | | 10.1 | 149 |
| | 10 | | 3.3 | | 3.9 | | 6.5 | 3.9 | .7 | .7 | | 5.2 | 153 |
| | 13 | | 3.3 | | 1.3 | | 4.6 | 1.3 | | | 1.3 | 2.6 | 153 |
| | 16 | | 2.0 | | 1.3 | | 3.3 | .7 | | | | .7 | 153 |
| | 19 | | 2.1 | | 2.7 | | 4.1 | .7 | | | | .7 | 146 |
| | 22 | | .7 | | .7 | | 1.4 | 2.1 | | | | 2.1 | 142 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 2.2 | | 1.9 | | 3.9 | 3.1 | .1 | .1 | .3 | 3.6 | 896 |

WEATHER CONDITIONS

93102 FALLON, NEVADA 73-77 ALL MONTH

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | ALL | | 1.8 | | 2.3 | | 3.8 | 10.5 | | | .2 | 10.7 | 921 |
| FEB | | | 2.5 | | 2.7 | | 5.1 | .5 | .2 | | .5 | 1.0 | 846 |
| MAR | | | 2.6 | | 1.5 | | 4.1 | | | .1 | .9 | .9 | 936 |
| APR | | .2 | 1.7 | | 1.3 | | 3.0 | .1 | | .1 | .3 | .5 | 902 |
| MAY | | .3 | 2.0 | | .3 | | 2.2 | | | | .4 | .4 | 931 |
| JUN | | .5 | 2.4 | | | | 2.4 | | | | .3 | .3 | 900 |
| JUL | | .5 | 1.6 | | | | 1.6 | | .1 | | | .1 | 930 |
| AUG | | .6 | 1.7 | | | | 1.7 | .1 | .6 | | .2 | .8 | 936 |
| SEP | | .2 | .9 | | | | .9 | .1 | | | .6 | .7 | 722 |
| OCT | | .1 | 2.3 | | | | 2.3 | | | | .1 | .1 | 933 |
| NOV | | | 1.2 | | .6 | | 1.7 | .3 | | | | .3 | 896 |
| DEC | | | 2.2 | | 1.9 | | 3.9 | 3.1 | .1 | .1 | .3 | 3.6 | 896 |
| TOTALS | | .2 | 1.9 | | .9 | | 2.7 | 1.2 | .1 | .0 | .3 | 1.6 | 10749 |

WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

5701 WEATHER CONDITIONS JAN 68

ALL
MONTH

24-77

STATION NAME

FALLON, NEVADA

93102
STATION

YEARS

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | DAILY | .5 | 16.4 | 1.4 | 17.4 | | 29.6 | 14.9 | 1.2 | .3 | .9 | 16.9 | 651 |
| FEB | | .2 | 19.9 | .5 | 14.6 | .2 | 30.1 | 7.2 | .3 | 1.0 | .7 | 8.6 | 594 |
| MAR | | .2 | 16.3 | | 14.6 | .2 | 26.8 | 1.6 | .5 | .3 | 3.0 | 5.3 | 636 |
| APR | | 1.7 | 17.1 | | 12.2 | .1 | 25.8 | 1.6 | .6 | .3 | 1.7 | 4.1 | 690 |
| MAY | | 7.8 | 27.5 | | 3.2 | .9 | 28.1 | .3 | .8 | | 1.5 | 2.6 | 651 |
| JUN | | 7.1 | 21.5 | | | .9 | 21.5 | .2 | .3 | | 1.7 | 2.0 | 660 |
| JUL | | 9.1 | 17.2 | | | .1 | 17.2 | .1 | .1 | | .6 | .9 | 681 |
| AUG | | 8.2 | 14.5 | | | .6 | 14.5 | .3 | 1.0 | | .4 | 1.8 | 682 |
| SEP | | 4.2 | 13.3 | | | .2 | 13.3 | .3 | 1.0 | | 1.3 | 2.7 | 600 |
| OCT | | 2.6 | 13.8 | .1 | 1.8 | .4 | 14.5 | 1.3 | .3 | .1 | .6 | 2.3 | 681 |
| NOV | | .4 | 18.0 | .3 | 8.3 | | 23.2 | 5.2 | .4 | | .6 | 5.9 | 690 |
| DEC | | | 14.7 | .4 | 15.3 | .1 | 26.3 | 14.4 | 1.3 | .1 | 1.6 | 16.8 | 680 |
| TOTALS | | 3.5 | 17.5 | .2 | 7.3 | .3 | 22.6 | 3.9 | .6 | .2 | 1.2 | 5.8 | 7898 |

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 MONTH JANUARY ALL
HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|-------------------------------------|--|-----------------------|---------|------|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | 2.4 | | | | | 3.6 | | | 1.2 | | | | 1.2 | 91.6 |
| NNE | 3.3 | 1.7 | | | 1.7 | 3.3 | | | 1.7 | 1.7 | | | | 90.0 |
| NE | 1.6 | | | | | | | | 1.6 | 1.6 | | | | 95.2 |
| ENE | | | | | | | | | 3.1 | | | | | 96.9 |
| E | 9.1 | | | | | 4.5 | | | 4.5 | | | | | 86.4 |
| ESE | | | | | | 5.9 | | | | | | | | 94.1 |
| SE | | 3.0 | | | | | | | 3.0 | | | | | 93.9 |
| SSE | | | | | | 3.5 | | | | 3.5 | | | 1.8 | 91.2 |
| S | 1.1 | | | | | | | | 1.1 | | | | | 97.8 |
| SSW | | | | | | | | | 15.8 | | | | | 84.2 |
| SW | | | | | | | | | 3.8 | | | | | 96.2 |
| WSW | | | | | | | | | 17.6 | | | | | 82.4 |
| W | | 6.7 | | | | | | | | | | | | 93.3 |
| WNW | 6.7 | | | | | 13.3 | | | | | | | | 86.7 |
| NW | 6.5 | 6.5 | | | | 9.7 | | | 3.2 | | | | | 80.6 |
| NNW | 2.2 | 2.2 | | | | 6.7 | | | | | | | | 88.9 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | | 9.9 | 1.9 | | | | 84.0 |
| TOTAL | 14 | 7 | 1 | | 1 | 27 | | | 44 | 9 | | | 2 | 824 |
| % TOTAL | 1.5 | .8 | .1 | | .1 | 2.9 | | | 4.8 | 1.0 | | | .2 | 89.5 |

TOTAL NUMBER OF OBSERVATIONS 921

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 YEARS FEBRUARY MONTH ALL HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|-------------------------|---------------|
| N | 1.6 | | | | | 8.1 | | | | 1.6 | 1.6 | | 1.6 | 87.1 |
| NNE | 3.6 | | | | | 1.6 | | | | | | | | 96.4 |
| NE | | 3.3 | | | | | | | | | | | | 96.7 |
| ENE | | | | | | 3.8 | | | | | | | | 96.2 |
| E | | | 4.8 | | | 4.8 | | | | | | | | 90.5 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | 2.6 | | | | 5.3 | | | | | | | | 92.1 |
| SSE | 1.6 | | | | | | | | | | | | | 98.4 |
| S | | | | | | 2.2 | | | | | | | 1.1 | 96.6 |
| SSW | 2.0 | 2.0 | | | | 5.9 | | | | | | | 3.9 | 86.3 |
| SW | 4.3 | | | | | | | | | | | | | 95.7 |
| WSW | 8.0 | | | | | | | | 4.0 | | | | | 88.0 |
| W | 2.2 | 2.2 | | | | 2.2 | | | 2.2 | | | | | 93.5 |
| WNW | | | | | | 4.3 | | | | | | | 4.5 | 90.9 |
| NW | 3.1 | 6.3 | | | | 12.5 | | | | | | | | 78.1 |
| NNW | 4.5 | | | | | 11.4 | | | | | | | | 86.4 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 1.5 | 1.5 | | | | 5.5 | | | | 1.0 | 1.5 | | | 95.9 |
| TOTAL | 15 | 9 | 1 | | | 27 | | | 2 | 3 | 2 | | 5 | 788 |
| % TOTAL | 1.8 | 1.1 | .1 | | | 3.2 | | | .2 | .4 | .2 | | .6 | 93.1 |

TOTAL NUMBER OF OBSERVATIONS 846

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93102

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

MARCH

MONTH

ALL

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 3.6 | | | | 3.6 | | | | | | | 4.8 | 88.0 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | 4.0 | 5.0 | | | | | | | | | | | 4.0 | 84.0 |
| ENE | | | | | | 4.5 | | | | | | | | 95.5 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | 4.0 | 8.0 | | | | | | | | | | | | 88.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | 1.6 | | | | | | | | | | | | | 98.4 |
| S | 1.4 | 2.7 | | | | | | | | | | | | 95.9 |
| SSW | | 6.7 | | | | | | | | | | | | 93.3 |
| SW | 1.9 | | | | | 1.9 | | | | | | 1.9 | 5.7 | 90.6 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | 1.2 | 3.7 | | | | 1.2 | | | | | | | 1.2 | 92.6 |
| WNW | 5.4 | 1.8 | | | | 1.8 | | | | | | | | 91.1 |
| NW | | 2.6 | | | 1.3 | 2.6 | | | | | | | | 93.4 |
| NNW | | | | | | 3.7 | | | | | | | 1.2 | 96.3 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | |
| TOTAL | 10 | 18 | | | | 1 | | | | | | 1 | 10 | 883 |
| % TOTAL | 1.1 | 1.9 | | | | .1 | | | | | | .1 | 1.1 | 94.3 |

TOTAL NUMBER OF OBSERVATIONS

936

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 YEARS APRIL MONTH ALL HOURS (LST) MONTH

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET "SHOWERS ICE CRYSTALS | SNOW "GRAINS "PELLETS "SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|--------------------------------------|---|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | 1.7 | 2.6 | | | | 2.6 | | .9 | | | | .9 | | 93.9 |
| NNE | | 2.1 | | | | 2.1 | | | | | | | | 95.8 |
| NE | 2.9 | 2.9 | | | | 2.9 | | | | | | | | 91.4 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | | | | | | | | | | | | 4.8 | 95.2 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | | | | | | | | | 1.7 | | | | 1.7 | 96.6 |
| SSW | | 3.6 | | | | | | 3.0 | | | | | | 96.4 |
| SW | | 3.0 | | | | 3.0 | | | | | | | | 93.9 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | .8 | 1.7 | | | | .8 | | | | | | | | 96.6 |
| WNW | | 1.4 | | | | 1.4 | | | | | | | | 97.1 |
| NW | | 3.2 | | | | 3.2 | | | | | | | 1.6 | 93.5 |
| NNW | | | | | | 2.6 | | | | | | | | 97.4 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 2.0 | | | | | 2.0 | | | | | | | | 96.1 |
| TOTAL | 6 | 12 | | | | 14 | | 2 | 1 | | | 1 | 3 | 868 |
| % TOTAL | .7 | 1.3 | | | | 1.6 | | .2 | .1 | | | .1 | .3 | 96.2 |

TOTAL NUMBER OF OBSERVATIONS

902

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 MONTH MAY ALL ALL
 YEARS HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 1.1 | | | | | | | | | | | 1.1 | 97.7 |
| NNE | 3.2 | 3.2 | | | | | | | | | | | 1.6 | 93.7 |
| NE | | 6.7 | | | | | | | | | | | | 91.3 |
| ENE | 4.2 | | | | | | | | | | | | | 95.8 |
| E | 5.6 | | | | | | | | | | | | | 94.4 |
| ESE | | 14.3 | | | | | | | | | | | | 85.7 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | 1.9 | 1.9 | | | | | | 3.8 | | | | | | 94.3 |
| SSW | | 3.2 | | | | | | | | | | | | 96.8 |
| SW | 2.6 | | | | | | | | | | | | | 97.2 |
| WSW | | 4.4 | | | | | | | | | | | 4.4 | 91.1 |
| W | 1.3 | | | | | .7 | | .7 | | | | | | 97.4 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | 1.3 | | | | | | | | | | | | 98.7 |
| NNW | | 1.1 | | | | 1.1 | | | | | | | | 97.7 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 1.4 | | | | 1.4 | | | | | | | | 98.6 |
| TOTAL | 8 | 14 | | | | 3 | | 3 | | | | | 4 | 902 |
| % TOTAL | .9 | 1.5 | | | | .3 | | .3 | | | | | .4 | 96.9 |

TOTAL NUMBER OF OBSERVATIONS 931

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 93102 FALLON, NEVADA JAN 1973 - DEC 1977 MONTH JUNE ALL HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET "SHOWERS ICE CRYSTALS | SNOW "GRAINS "PELLETS "SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|--------------------------------------|---|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | 1.0 | 2.1 | | | | | | 1.0 | | | | | | 96.9 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | 3.8 | 3.8 | | | | | | | | | | | | 92.3 |
| E | | 9.1 | | | | | | | | | | | | 90.9 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | 2.0 | 3.9 | | | | | | 2.0 | | | | | 3.9 | 90.2 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | 12.9 | | | | | | | | | | | | | 87.1 |
| WSW | | | | | | | | | | | | | 2.2 | 97.8 |
| W | | 1.9 | | | | | | 1.3 | | | | | | 98.1 |
| WNW | 1.1 | 1.1 | | | | | | 1.1 | | | | | | 96.7 |
| NW | 1.6 | 1.6 | | | | | | | | | | | | 96.8 |
| NNW | 2.2 | 1.1 | | | | | | | | | | | | 96.8 |
| VARIABLE | | | | | | | | | | | | | | 97.7 |
| CALM | | 2.3 | | | | | | | | | | | | 97.7 |
| TOTAL | 11 | 14 | | | | | | 5 | | | | | 3 | 871 |
| % TOTAL | 1.2 | 1.6 | | | | | | .6 | | | | | .3 | 96.8 |

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 MONTH JULY ALL HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | | | | | | | | | | | | | 99.1 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 94.7 |
| ENE | 6.7 | | | | | | | | | | | | | 93.3 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | | | | | | | 33.3 | | | | | | 66.7 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | 4.5 | 4.5 | | | | | | 4.5 | | | | | | 86.4 |
| S | 1.6 | 3.2 | | | | | | | | | | | | 95.2 |
| SSW | | | | | | | | 4.0 | | | | | | 96.0 |
| SW | 2.9 | 5.7 | | | | | | 2.9 | | | 2.9 | | | 88.6 |
| WSW | 1.6 | 1.6 | | | | | | | | | | | | 96.9 |
| W | | .6 | | | | | | | | | | | | 99.4 |
| WNW | .9 | | | | | | | | | | | | | 99.1 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | 2.7 | | | | | | 1.4 | | | | | | 97.3 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | 1.1 | | | | | | 98.9 |
| TOTAL | 6 | 11 | | | | | | 6 | | | 1 | | | 908 |
| % TOTAL | .6 | 1.2 | | | | | | .6 | | | .1 | | | 97.6 |

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93102 STATION FALLON, NEVADA JAN 1973 - DEC 1977 MONTH ALL HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET "SHOWERS ICE CRYSTALS | SNOW GRAINS PELLETS "SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|--------------------------------------|---------------------------------------|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 2.5 | | | | | | 2.5 | | | 1.2 | | 2.5 | 95.1 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | 3.6 | | | | | | | | | | | | 96.4 |
| E | | 16.7 | | | | | | 8.3 | | | | | | 83.3 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | 2.9 | 5.7 | | | | | | | | | | | | 91.4 |
| S | | 1.2 | | | | | | | | | 2.4 | | | 96.4 |
| SSW | | | | | | | | | | | 3.7 | | | 96.3 |
| SW | 2.6 | 3.1 | | | | | | | | | 2.6 | | | 96.9 |
| WSW | .8 | .8 | | | | | | 2.4 | | | .8 | | | 94.7 |
| W | | | | | | | | 1.0 | | | 1.0 | | | 95.2 |
| WNW | 1.2 | 5.1 | | | | | | | 1.2 | | | | | 93.9 |
| NW | | 1.2 | | | | | | 1.3 | | | | | | 97.6 |
| NNW | | | | | | | | | | | | | | 98.7 |
| VARIABLE | | | | | | | | | | | | | | 99.1 |
| CALM | | | | | | | | | | | | | | |
| TOTAL | 5 | 16 | | | | | | 8 | 1 | | 7 | | 2 | 903 |
| % TOTAL | .5 | 1.7 | | | | | | .9 | .1 | | .7 | | .2 | 96.5 |

TOTAL NUMBER OF OBSERVATIONS 936

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 MONTH SEPTEMBER ALL HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | | | | | | | | | | | | 3.0 | 97.0 |
| NNE | | | | | | | | | | | | | 1.7 | 98.3 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | 2.9 | | | | | | 2.9 | | | | | | 97.1 |
| S | | 2.2 | | | | | | | | | | | | 97.8 |
| SSW | | 6.7 | | | | | | 6.7 | | | | | | 93.3 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | | | | | | | | | | | | | 100.0 |
| WNW | | 2.6 | | | | | | | | | | | | 97.4 |
| NW | | 2.3 | | | | | | | | | | | 2.3 | 95.5 |
| NNW | | 1.9 | | | | | | | | | | | | 98.1 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 1.5 | | | | | | | | 7.7 | | | | | 95.5 |
| TOTAL | 2 | 6 | | | | | | 2 | 1 | | | | 5 | 709 |
| % TOTAL | .3 | .8 | | | | | | .3 | .1 | | | | .7 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS 722

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 MONTH OCTOBER ALL HOURS (LST.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET "SHOWERS ICE CRYSTALS | SNOW "GRAINS "PELLETS "SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|----------------|------|--------------|---------|-----------------------------------|-----------------------------------|---|--------------------|---------|-----|-----------------------|---------------|-----------------|--------------------------------|---------------|
| N | 1.6 | .8 | | | | | | | | | | | | 97.7 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | 4.0 | | | | | | | | | | | | 96.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | 6.7 | | | | | | | | | | | | | 93.3 |
| SE | 9.1 | 4.5 | | | | | | | | | | | | 86.4 |
| SSE | 1.9 | | | | | | | | | | | | | 98.1 |
| S | 1.3 | 1.3 | | | | | | | | | | | | 97.4 |
| SSW | 4.5 | | | | | | | | | | | | | 95.5 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | 4.2 | 2.8 | | | | | | | | | | | | 100.0 |
| W | | | | | | | | | | | | | | 93.0 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | 2.9 | 5.9 | | | | | | 2.9 | | | | | | 91.2 |
| NNW | 4.2 | 2.1 | | | | | | | | | | | 2.1 | 91.7 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | 99.1 |
| TOTAL | 19 | 10 | | | | | | 1 | | | | | 1 | 907 |
| % TOTAL | 1.6 | 1.1 | | | | | | .1 | | | | | .1 | 97.2 |

TOTAL NUMBER OF OBSERVATIONS 933

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93102

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

NOVEMBER

MONTH

ALL

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | 3.0 | | | | | 3.0 | | | | | | | | 93.9 |
| NNE | | 1.5 | | | | 1.5 | | | | | | | | 96.9 |
| NE | 1.8 | | | | | | | | | | | | | 98.2 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | 7.1 | | | | | | | | | | | | | 92.9 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | 1.2 | | | | | | | | | | | | | 98.8 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | 3.8 | | | | | 3.8 | | | | | | | | 92.3 |
| W | | 1.9 | | | | 1.9 | | | | | | | | 96.3 |
| WNW | 5.0 | | | | | 5.0 | | | | | | | | 90.0 |
| NW | | 3.6 | | | | | | | | | | | | 96.4 |
| NNW | 5.1 | | | | | | | | | | | | | 94.9 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | | 7.7 | 1.4 | | | | 96.9 |
| TOTAL | 9 | 3 | | | | 6 | | | 2 | 1 | | | | 875 |
| % TOTAL | 1.0 | .3 | | | | .7 | | | .2 | .1 | | | | 97.7 |

TOTAL NUMBER OF OBSERVATIONS

896

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 YEARS DECEMBER MONTH ALL HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET "SHOWERS ICE CRYSTALS | SNOW "GRAINS "PELLETS "SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|--------------------------------------|---|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 1.4 | | | | 14.5 | | | 1.4 | | | | | 82.6 |
| NNE | 1.5 | | | | | 3.0 | | | 4.5 | | | | | 94.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | | | | | | | | | 3.8 | | | | 96.2 |
| E | 5.0 | | | | | 5.0 | | | | 5.0 | 3.0 | | | 95.0 |
| ESE | | | | | | | | | | | | | | 95.0 |
| SE | 2.6 | | | | | 2.6 | | | | | | | | 94.7 |
| SSE | 7.1 | 2.9 | | | | | | | 2.7 | | | | 1.4 | 88.6 |
| S | 1.3 | 2.7 | | | | 1.3 | | | | | | | | 92.0 |
| SSW | | | | | | | | | | | | | | 96.0 |
| SW | | | | | | | | | 5.3 | | | | 4.0 | 94.7 |
| WSW | | | | | | | | | 3.1 | | | | 3.1 | 93.8 |
| W | | | | | | | | | | | | | | 100.0 |
| WNW | | 5.3 | | | | | | | | | | | | 94.7 |
| NW | 4.5 | | | | | | | | | | | | | 95.5 |
| NNW | | | | | | 4.0 | | | | | | 4.0 | | 96.0 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 1.1 | | | | | | | 3.5 | 2.8 | | | | 92.2 |
| TOTAL | 11 | 9 | | | | 17 | | | 18 | 10 | 1 | 1 | 3 | 832 |
| % TOTAL | 1.2 | 1.0 | | | | 1.9 | | | 2.0 | 1.1 | .1 | .1 | .3 | 92.9 |

TOTAL NUMBER OF OBSERVATIONS 896

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 MONTH ALL ALL HOURS (L.S.T.) ALL

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET "SHOWERS ICE CRYSTALS | SNOW "GRAINS "PELLETS "SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|--------------------------------------|---|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | .9 | 1.3 | | | | 2.4 | | .4 | .2 | .1 | .2 | .1 | 1.1 | 94.1 |
| NNE | 1.1 | .8 | | | .2 | 1.1 | | | .6 | .2 | | | .3 | 96.8 |
| NE | .9 | 1.5 | | | | .2 | | | .2 | .2 | | | .2 | 96.7 |
| ENE | 1.1 | 1.1 | | | | .7 | | | .4 | .4 | | | | 96.4 |
| E | 2.2 | 1.6 | .5 | | | 1.6 | | .5 | .5 | | | | | 94.6 |
| ESE | 1.7 | 2.3 | | | | .6 | | .6 | .6 | .6 | | | .6 | 93.8 |
| SE | 1.0 | 1.0 | | | | 1.0 | | .4 | .3 | | | | | 96.6 |
| SSE | 1.8 | 1.1 | | | | .4 | | .4 | | .4 | | | .4 | 95.8 |
| S | 1.0 | 1.4 | | | | .4 | | .4 | .5 | | .2 | | .5 | 95.9 |
| SSW | .6 | 1.7 | | | | .9 | | .6 | 1.7 | | .3 | | .9 | 93.6 |
| SW | 2.1 | 1.1 | | | | .5 | | .5 | .5 | | .3 | .3 | .8 | 94.7 |
| WSW | 1.2 | .7 | | | | .2 | | | 1.2 | | .2 | | .9 | 95.5 |
| W | .6 | 1.5 | | | | .5 | | .5 | .1 | | .1 | | .1 | 96.7 |
| WNW | 1.1 | 1.5 | | | | .9 | | .3 | | | .2 | | .2 | 96.2 |
| NW | 1.1 | 2.4 | | | .2 | 1.7 | | .2 | .3 | | | | .3 | 94.7 |
| NNW | 1.2 | .9 | | | | 2.0 | | .3 | | | | .1 | .3 | 95.7 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | .7 | .6 | .1 | | | .9 | | .1 | 2.0 | .3 | .1 | | | 95.3 |
| TOTAL | 112 | 129 | 2 | | 2 | 109 | | 27 | 69 | 23 | 11 | 3 | 38 | 10270 |
| % TOTAL | 1.0 | 1.2 | .0 | | .0 | 1.0 | | .3 | .6 | .2 | .1 | .0 | .4 | 95.5 |

TOTAL NUMBER OF OBSERVATIONS 10,749

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

| | |
|---------------|---------------------------------|
| PRECIPITATION | DERIVED FROM DAILY OBSERVATIONS |
| SNOWFALL* | DERIVED FROM DAILY OBSERVATIONS |
| SNOW DEPTH | DERIVED FROM DAILY OBSERVATIONS |

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

| | | |
|--|--------------------------------------|------------------------|
| Air Force Stations | From beginning of record thru 1945 | Snow depth at 0800 LST |
| | Jan 46-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |
| U. S. Navy and Weather Bureau Stations | From beginning of record thru Jun 52 | Snow depth at 0030 GCT |
| | Jul 52-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

93102 STATION FALLON, NEVADA STATION NAME 43-462 54-77 YEARS

| PRECIP. SNOWFALL SNOW- DEPTH | AMOUNTS (INCHES) | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---------------------------------------|------------------|-------|-----|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|------|---|----------------------------|-----------------------------|-------|--|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | MEAN | | | GREATEST | LEAST | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| JAN | 71.5 | 15.5 | .8 | 4.8 | 2.3 | 3.5 | 1.6 | | | | | | | 13.0 | 744 | .47 | 1.66 | TRACE | |
| FEB | 70.3 | 14.3 | 1.8 | 5.2 | 2.9 | 3.5 | 1.5 | .3 | | | | | | 15.4 | 650 | .49 | 2.37 | TRACE | |
| MAR | 72.8 | 15.1 | 2.0 | 3.5 | 3.1 | 2.4 | 1.1 | | | | | | | 12.1 | 744 | .36 | .97 | TRACE | |
| APR | 73.3 | 14.5 | 1.8 | 3.6 | 2.7 | 2.4 | 1.2 | .3 | | | | | | 12.1 | 660 | .41 | 1.13 | .01 | |
| MAY | 73.1 | 15.1 | .6 | 2.9 | 2.2 | 3.2 | 2.2 | .6 | | | | | | 11.8 | 713 | .62 | 1.72 | .02 | |
| JUN | 78.1 | 9.1 | 1.7 | 3.6 | 1.2 | 3.2 | 1.6 | 1.3 | .1 | | | | | 12.8 | 690 | .71 | 2.14 | .00 | |
| JUL | 82.8 | 10.7 | .9 | 1.8 | 1.2 | 1.5 | 1.2 | | | | | | | 6.5 | 682 | .26 | 1.24 | .00 | |
| AUG | 85.2 | 7.7 | .8 | 2.6 | 1.3 | 1.6 | .3 | .4 | .1 | | | | | 7.1 | 744 | .31 | 1.78 | .00 | |
| SEP | 87.1 | 7.0 | .5 | 1.7 | 1.1 | 1.7 | .6 | .3 | .2 | | | | | 5.9 | 660 | .31 | 1.88 | .00 | |
| OCT | 86.1 | 6.3 | 1.0 | 1.7 | 1.3 | 2.1 | 1.3 | .3 | | | | | | 7.6 | 713 | .37 | 2.26 | .00 | |
| NOV | 76.3 | 10.9 | 2.4 | 4.8 | 1.6 | 2.4 | 1.5 | .1 | | | | | | 12.8 | 750 | .39 | 1.56 | .00 | |
| DEC | 73.0 | 14.3 | 2.0 | 4.0 | 2.5 | 3.1 | .9 | .3 | | | | | | 12.7 | 651 | .44 | 1.47 | TRACE | |
| ANNUAL | 77.5 | 11.7 | 1.4 | 3.3 | 1.9 | 2.5 | 1.2 | .3 | .0 | | | | | 10.8 | 8401 | 5.14 | | | |

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 93102 FALLON, NEVADA 45-46, 54-77 YEARS

| AMOUNTS (INCHES) | | | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|------------------|-------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|------|---|----------------------------|-----------------------------|-------|--|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | MEAN | | | GREATEST | LEAST | |
| | | | | | | | | | | | | | | | | | | | |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-30.4 | OVER 50.4 | | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | | |
| JAN | 84.3 | 11.7 | 1.3 | 1.2 | .7 | .3 | .3 | .3 | | | | | | 4.0 | 744 | 1.8 | 8.7 | .0 | |
| FEB | 85.1 | 8.9 | 1.7 | 2.8 | .8 | .6 | .2 | | | | | | | 6.0 | 650 | 1.8 | 10.1 | .0 | |
| MAR | 85.8 | 9.0 | 1.6 | 2.3 | .4 | .5 | .1 | .1 | | | .1 | | | 5.2 | 744 | 2.4 | 20.5 | .0 | |
| APR | 87.4 | 8.3 | 1.8 | 1.8 | .5 | .2 | | | | | | | | 4.2 | 660 | 1.0 | 7.6 | .0 | |
| MAY | 97.1 | 2.4 | .1 | .3 | | | | .1 | | | | | | .6 | 713 | .3 | 6.8 | .0 | |
| JUN | 100.0 | | | | | | | | | | | | | | 690 | .0 | .0 | .0 | |
| JUL | 100.0 | | | | | | | | | | | | | | 682 | .0 | .0 | .0 | |
| AUG | 100.0 | | | | | | | | | | | | | | 744 | .0 | .0 | .0 | |
| SEP | 100.0 | | | | | | | | | | | | | | 660 | .0 | .0 | .0 | |
| OCT | 96.3 | 1.3 | .1 | .1 | .1 | | | | | | | | | .4 | 713 | .1 | 2.0 | .0 | |
| NOV | 92.1 | 5.0 | 1.7 | .7 | .1 | | .3 | .1 | | | | | | 2.9 | 720 | .9 | 9.8 | .0 | |
| DEC | 84.2 | 10.9 | 2.2 | 1.3 | .7 | .1 | .4 | .1 | | | | | | 5.0 | 682 | 1.8 | 6.2 | .0 | |
| ANNUAL | 92.9 | 4.8 | .9 | .9 | .3 | .1 | .1 | .1 | .1 | | .0 | | | 2.4 | 8402 | 10.1 | | | |

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93102 FALLON, NEVADA STATION NAME 54-77 YEARS

| PRECIP. | NONE | TRACE | 01 | .02-.05 | .06-10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|------------|-------|-------|--------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|--------------------------------------|-------------------|--------------------------|----------|-------|
| | | | | | | | | | | | | | | | | MEAN | GREATEST | LEAST |
| | | | | | | | | | | | | | | | | | | |
| SNOWFALL | NONE | TRACE | 01-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 81.2 | 8.3 | 4.1 | 2.5 | 2.8 | 1.1 | | | | | | | | 10.5 | 713 | | | |
| FEB | 93.4 | 3.9 | 1.6 | 1.0 | .2 | | | | | | | | | 2.7 | 622 | | | |
| MAR | 95.2 | 3.5 | .9 | .3 | | .1 | | | | | | | | 1.3 | 682 | | | |
| APR | 98.9 | 1.0 | .2 | | | | | | | | | | | .2 | 630 | | | |
| MAY | 99.7 | .1 | | | | .1 | | | | | | | | .1 | 713 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 690 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 682 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 713 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 630 | | | |
| OCT | 99.3 | .6 | .1 | | | | | | | | | | | .1 | 682 | | | |
| NOV | 96.8 | 1.7 | .7 | .6 | | .3 | | | | | | | | 1.5 | 720 | | | |
| DEC | 90.3 | 5.7 | 1.8 | 1.1 | .3 | .8 | | | | | | | | 4.0 | 651 | | | |
| ANNUAL | 96.2 | 2.1 | .8 | .5 | .3 | .2 | | | | | | | | 1.7 | 8128 | | | |

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

45-46, 54-77

FALLON, NEVADA

93102

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|------|-------|---------------|
| 45 | | | .24 | | | | | TRACE | TRACE | .36 | .11 | | |
| 46 | .10 | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | |
| 55 | .11 | .19 | .06 | .11 | .25 | TRACE | .03 | .00 | .21 | .01 | .16 | .21 | .98 |
| 56 | .50 | TRACE | TRACE | .31 | .34 | .37 | | .00 | .40 | .20 | .50 | TRACE | |
| 57 | .20 | .33 | .15 | 1.00 | .34 | TRACE | .10 | TRACE | .56 | .33 | .25 | .07 | 1.00 |
| 58 | .05 | .26 | .14 | .26 | .30 | .53 | .28 | TRACE | .25 | .00 | .09 | .11 | .53 |
| 59 | TRACE | .14 | TRACE | | .39 | .00 | .02 | 1.75 | .14 | .06 | .00 | .03 | |
| 60 | .07 | .05 | .11 | .02 | .02 | TRACE | .16 | TRACE | .03 | .03 | .52 | .42 | .52 |
| 61 | .19 | .22 | .34 | .04 | .33 | .50 | .15 | .55 | .23 | .20 | .25 | .21 | .55 |
| 62 | .32 | .78 | .28 | .01 | .71 | .57 | .47 | TRACE | TRACE | TRACE | .11 | TRACE | .78 |
| 63 | .17 | .33 | .38 | .26 | .20 | .34 | .00 | .05 | .44 | .37 | .12 | .50 | .50 |
| 64 | .06 | .10 | .48 | .18 | .62 | .54 | .03 | .14 | .00 | .24 | .08 | .12 | .62 |
| 65 | .15 | .14 | .22 | .47 | .85 | .23 | .23 | .56 | .20 | .03 | .43 | .16 | .85 |
| 66 | .04 | .14 | .08 | .15 | .12 | .30 | .01 | .04 | .37 | .00 | .12 | .61 | .61 |
| 67 | .13 | .05 | .33 | .30 | .27 | .51 | .48 | .13 | 1.20 | .01 | .44 | TRACE | 1.20 |
| 68 | .35 | .45 | .20 | .84 | .29 | .23 | .13 | .73 | TRACE | .21 | .22 | .35 | .84 |
| 69 | .48 | .28 | .08 | .15 | .24 | .51 | .02 | TRACE | .01 | .22 | .27 | .31 | .51 |
| 70 | .19 | .21 | .22 | .05 | .11 | .97 | .33 | .17 | TRACE | TRACE | .11 | .14 | .97 |
| 71 | .47 | .25 | .15 | .20 | .45 | .10 | .21 | .16 | .40 | | .18 | | |
| 72 | .09 | .05 | TRACE | .10 | .17 | .56 | .07 | .10 | .57 | .73 | .21 | .10 | .73 |
| 73 | .40 | .67 | .15 | .13 | .31 | .06 | .07 | .03 | TRACE | .19 | .38 | .18 | .67 |
| 74 | .26 | .06 | .10 | .27 | .03 | .04 | .27 | .27 | .00 | | .48 | .40 | |
| 75 | .13 | .09 | .36 | .09 | .13 | .45 | TRACE | .34 | .35 | .29 | .08 | .04 | .45 |
| 76 | .19 | .33 | .18 | .25 | .06 | .65 | .41 | .18 | | .81 | .07 | | |
| 77 | .15 | .02 | .04 | .06 | .39 | 1.46 | .17 | .08 | TRACE | TRACE | .02 | | |
| MEAN | .20 | .22 | .18 | .24 | .30 | .39 | .17 | .22 | .23 | .20 | .21 | .24 | .72 |
| S. D. | .146 | .198 | .131 | .249 | .208 | .349 | .153 | .383 | .292 | .226 | .160 | .243 | .219 |
| TOTAL OBS. | 744 | 650 | 744 | 660 | 713 | 690 | 682 | 744 | 660 | 713 | 750 | 651 | 8401 |

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93102 FALLON, NEVADA STATION NAME 45-46, 54-77 YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|---------------|
| 45 | TRACE | | 18.0 | | | | | .0 | .0 | .0 | .0 | | |
| 46 | TRACE | | | | | | | | | | | | |
| 54 | 1.0 | 3.0 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 2.1 | 5.0 |
| 55 | 5.0 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE | 2.4 |
| 56 | 2.0 | 1.0 | TRACE | .3 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | .0 | 1.4 |
| 57 | TRACE | TRACE | 1.4 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .9 | TRACE | 1.4 |
| 58 | .0 | 1.3 | TRACE | | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .7 |
| 59 | .7 | .1 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 3.7 |
| 60 | TRACE | TRACE | 1.0 | TRACE | TRACE | .0 | .0 | .0 | .0 | 2.0 | 3.7 | .5 | 3.0 |
| 61 | 3.0 | 2.2 | 2.6 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | 1.1 | .0 | 5.0 |
| 62 | .5 | .0 | 3.8 | 2.6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 5.0 | 6.0 |
| 63 | TRACE | 1.0 | 4.8 | 1.8 | 6.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | .9 | 1.6 |
| 64 | .6 | TRACE | .7 | .3 | 1.0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.6 | 2.4 |
| 65 | .4 | 1.4 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 | 3.3 |
| 66 | .2 | TRACE | 3.3 | 2.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .3 | TRACE | 3.5 |
| 67 | 3.5 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .1 | 3.5 | 3.3 |
| 68 | 3.3 | 2.8 | .8 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | 1.1 | 2.2 |
| 69 | .2 | .5 | 2.2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | 1.0 |
| 70 | 4.7 | 2.5 | 1.5 | .5 | TRACE | .0 | .0 | .0 | .0 | 1.0 | TRACE | 3.4 | 4.0 |
| 71 | .9 | .3 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | TRACE | .1 | .7 | .9 |
| 72 | 4.0 | 3.5 | .8 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.0 | .9 |
| 73 | TRACE | TRACE | 1.0 | .6 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | .3 | |
| 74 | .1 | .6 | .3 | .9 | .1 | .0 | .0 | .0 | .0 | .0 | .8 | .3 | |
| 75 | 1.6 | 2.8 | 1.8 | .6 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | |
| 76 | .1 | TRACE | .2 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | | |
| 77 | | | | | | | | | | | | | |
| MEAN | 1.33 | 1.00 | 1.85 | .49 | .31 | .00 | .00 | .00 | .00 | .13 | .64 | 1.39 | 2.91 |
| S. D. | 1.653 | 1.194 | 3.692 | .748 | 1.258 | .000 | .000 | .000 | .000 | .458 | 1.291 | 1.805 | 1.548 |
| TOTAL OBS. | 744 | 650 | 744 | 660 | 713 | 690 | 682 | 744 | 660 | 713 | 720 | 682 | 8402 |

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

54-77

FALLON, NEVADA

93102

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|-------|---------------|
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | |
| 47 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 |
| 48 | 4 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 49 | 3 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 50 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | TRACE |
| 51 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 52 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 53 | TRACE | 0 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 3 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55 | 1 | 0 | 5 | TRACE | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 56 | 1 | 0 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 57 | TRACE | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 58 | 1 | 0 | 2 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 59 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 60 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 61 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | TRACE | TRACE | 5 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 | 1 | 0 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 66 | TRACE | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 67 | 1 | 0 | 2 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 68 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 69 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 70 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 71 | 5 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 72 | 4 | TRACE | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 73 | 3 | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 74 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 75 | 3 | TRACE | TRACE | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 76 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | 1.7 | .6 | .5 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | .5 | 1.0 | 2.6 |
| S. D. | 1.663 | .908 | 1.143 | .218 | 1.251 | .000 | .000 | .000 | .000 | .213 | 1.141 | 1.532 | 1.651 |
| TOTAL OBS. | 713 | 622 | 682 | 630 | 713 | 690 | 682 | 713 | 630 | 682 | 720 | 651 | 8128 |

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
93102

STATION NAME
FALLON, NEVADA

YEARS
1946-1946 1955-1977

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNT MAR 1978

JANUARY
MONTH

FEBRUARY
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|-----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.23 | 6 | 1971 | 2.3 | 58 | 1971 |
| 2 | 0.01 | | 1955 | 0.1 | 3 | 1955 |
| 3 | 0.22 | 6 | 1973 | 2.0 | 51 | 1973 |
| 4 | 0.10 | 3 | 1946 | Y | Y | 1975* |
| 5 | 0.04 | 1 | 1967 | 0.1 | 3 | 1977 |
| 6 | 0.08 | 2 | 1975 | 0.6 | 15 | 1965 |
| 7 | 0.10 | 3 | 1971 | Y | Y | 1976* |
| 8 | 0.20 | 5 | 1973 | 2.0 | 51 | 1973 |
| 9 | 0.19 | 5 | 1976 | 1.6 | 41 | 1976 |
| 10 | 0.08 | 2 | 1955 | 1.0 | 25 | 1955 |
| 11 | 0.09 | 2 | 1973 | Y | Y | 1974* |
| 12 | 0.32 | 8 | 1962 | 3.0 | 76 | 1962 |
| 13 | 0.47 | 12 | 1971 | 4.7 | 119 | 1971 |
| 14 | 0.11 | 3 | 1970 | Y | Y | 1964* |
| 15 | 0.09 | 2 | 1956 | 0.7 | 18 | 1960 |
| 16 | 0.20 | 5 | 1973 | Y | Y | 1955 |
| 17 | 0.26 | 7 | 1974 | Y | Y | 1960 |
| 18 | 0.31 | 8 | 1973 | Y | Y | 1973* |
| 19 | 0.11 | 3 | 1965 | Y | Y | 1973* |
| 20 | 0.16 | 4 | 1974 | 1.2 | 30 | 1962 |
| 21 | 0.40 | 10 | 1973 | 4.0 | 102 | 1973 |
| 22 | 0.15 | 4 | 1977* | 0.4 | 10 | 1966 |
| 23 | 0.15 | 4 | 1965 | Y | Y | 1975* |
| 24 | 0.33 | 8 | 1969 | 3.3 | 84 | 1969 |
| 25 | 0.50 | 13 | 1956 | 5.0 | 127 | 1956 |
| 26 | 0.48 | 12 | 1969 | 0.7 | 18 | 1957 |
| 27 | 0.08 | 2 | 1970 | 0.4 | 10 | 1957 |
| 28 | 0.09 | 2 | 1972 | 0.9 | 23 | 1972 |
| 29 | 0.05 | 1 | 1967 | Y | Y | 1973* |
| 30 | 0.35 | 9 | 1968 | 3.5 | 89 | 1968 |
| 31 | 0.17 | 4 | 1963 | 0.5 | 13 | 1968 |
| Monthly | 0.50 | 13 | 1956 | 5.0 | 127 | 1956 |

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.30 | 8 | 1963 | 3.0 | 76 | 1955 |
| 2 | 0.22 | 6 | 1961 | 1.0 | 25 | 1957 |
| 3 | 0.30 | 8 | 1946 | 2.0 | 51 | 1946 |
| 4 | 0.28 | 7 | 1976 | 2.8 | 71 | 1976 |
| 5 | 0.05 | 1 | 1972 | Y | Y | 1976* |
| 6 | 0.13 | 3 | 1976 | 1.6 | 41 | 1976 |
| 7 | 0.07 | 2 | 1973 | 0.5 | 13 | 1976 |
| 8 | 0.19 | 5 | 1962 | 1.3 | 33 | 1959 |
| 9 | 0.33 | 8 | 1976 | 0.9 | 23 | 1976 |
| 10 | 0.78 | 20 | 1962 | 1.4 | 36 | 1966 |
| 11 | 0.67 | 17 | 1973 | 3.5 | 89 | 1973 |
| 12 | 0.12 | 3 | 1968 | 0.4 | 10 | 1966 |
| 13 | 0.33 | 8 | 1963 | 0.5 | 13 | 1970 |
| 14 | 0.07 | 2 | 1969 | 0.1 | 3 | 1975 |
| 15 | 0.25 | 6 | 1969 | 0.4 | 10 | 1964 |
| 16 | 0.14 | 4 | 1959 | 0.1 | 3 | 1975 |
| 17 | 0.09 | 2 | 1971 | Y | Y | 1961* |
| 18 | 0.26 | 7 | 1962 | 1.9 | 48 | 1962 |
| 19 | 0.28 | 7 | 1969 | 2.8 | 71 | 1969 |
| 20 | 0.07 | 2 | 1969 | 0.7 | 18 | 1969 |
| 21 | 0.09 | 2 | 1957 | 0.7 | 18 | 1962 |
| 22 | 0.17 | 4 | 1968 | Y | Y | 1971 |
| 23 | 0.05 | 1 | 1969* | 0.7 | 18 | 1962 |
| 24 | 0.33 | 8 | 1957 | 1.6 | 41 | 1969 |
| 25 | 0.22 | 6 | 1962 | 2.2 | 56 | 1962 |
| 26 | 0.09 | 2 | 1959 | 0.9 | 23 | 1969 |
| 27 | 0.12 | 3 | 1971 | 1.2 | 30 | 1971 |
| 28 | 0.25 | 6 | 1971 | 2.5 | 63 | 1971 |
| 29 | Y | Y | 1976 | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Monthly | 0.78 | 20 | 1962 | 3.5 | 89 | 1973 |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
93102

STATION NAME
FALLOW, NEVADA

MONTH
MARCH

MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|-----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.01 | | 1977 | 0.1 | 3 | 1977 |
| 2 | 0.34 | 9 | 1961 | 1.0 | 25 | 1961 |
| 3 | 0.33 | 8 | 1967 | 18.0 | 457 | 1943 |
| 4 | 0.22 | 6 | 1970 | 2.2 | 56 | 1970 |
| 5 | 0.36 | 9 | 1975 | 0.3 | 8 | 1970 |
| 6 | 0.28 | 7 | 1962 | 1.4 | 36 | 1958 |
| 7 | 0.11 | 3 | 1975 | 0.5 | 13 | 1969 |
| 8 | 0.20 | 5 | 1968 | Y | Y | 1974* |
| 9 | 0.26 | 7 | 1962 | 2.6 | 66 | 1962 |
| 10 | 0.06 | 2 | 1969 | 0.6 | 15 | 1969 |
| 11 | 0.10 | 3 | 1973 | 0.8 | 20 | 1973 |
| 12 | 0.22 | 6 | 1967* | 0.6 | 15 | 1971 |
| 13 | 0.08 | 2 | 1975 | 0.5 | 13 | 1973 |
| 14 | 0.03 | 1 | 1958 | Y | Y | 1963 |
| 15 | 0.24 | 6 | 1943 | 2.5 | 63 | 1943 |
| 16 | 0.19 | 5 | 1967 | 0.5 | 13 | 1958 |
| 17 | 0.38 | 10 | 1963 | 3.8 | 97 | 1963 |
| 18 | 0.01 | | 1974 | Y | Y | 1968 |
| 19 | 0.02 | 1 | 1973 | | | |
| 20 | 0.13 | 4 | 1973 | 0.3 | 8 | 1973 |
| 21 | 0.01 | | 1975 | Y | Y | 1975* |
| 22 | 0.33 | 8 | 1964 | 3.3 | 84 | 1964 |
| 23 | 0.48 | 12 | 1964 | 4.8 | 122 | 1964 |
| 24 | 0.07 | 2 | 1975* | 0.7 | 18 | 1963 |
| 25 | 0.09 | 2 | 1971 | Y | Y | 1975* |
| 26 | 0.03 | 1 | 1974 | | | |
| 27 | 0.18 | 5 | 1976 | 1.8 | 46 | 1976 |
| 28 | 0.01 | | 1973 | 0.1 | 3 | 1973 |
| 29 | Y | Y | 1967* | Y | Y | 1967 |
| 30 | 0.04 | 1 | 1973 | Y | Y | 1977* |
| 31 | 0.10 | 3 | 1964* | Y | Y | 1967* |
| Monthly | 0.48 | 12 | 1964 | 18.0 | 457 | 1943 |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

5724 DAILY A

DAILY EXTREME AMOUNTS

YEARS
1945-1946 1955-1977

MONTH
APRIL

MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.84 | 21 | 1968 | 1.2 | 30 | 1967* |
| 2 | 0.04 | 1 | 1967 | 0.4 | 10 | 1967 |
| 3 | 0.26 | 7 | 1958 | 0.6 | 15 | 1974 |
| 4 | 0.30 | 8 | 1967 | | | |
| 5 | 0.18 | 5 | 1964 | 1.8 | 46 | 1964 |
| 6 | 0.08 | 2 | 1963 | 0.1 | 3 | 1975 |
| 7 | 0.20 | 5 | 1971 | 0.6 | 15 | 1975 |
| 8 | 0.22 | 6 | 1963 | Y | Y | 1975 |
| 9 | 0.03 | 1 | 1963 | Y | Y | 1974* |
| 10 | Y | Y | 1975* | Y | Y | 1965 |
| 11 | 0.47 | 12 | 1963 | 1.0 | 25 | 1967 |
| 12 | 0.10 | 3 | 1972 | 1.0 | 25 | 1972 |
| 13 | 0.31 | 8 | 1956 | Y | Y | 1976* |
| 14 | 0.13 | 3 | 1973 | Y | Y | 1970 |
| 15 | 0.08 | 2 | 1976 | 0.6 | 15 | 1976 |
| 16 | 0.22 | 6 | 1963 | 2.2 | 56 | 1963 |
| 17 | 0.15 | 4 | 1966 | 0.1 | 3 | 1963 |
| 18 | 0.25 | 6 | 1976 | 0.4 | 10 | 1967 |
| 19 | 0.27 | 7 | 1974 | 2.6 | 66 | 1963 |
| 20 | 1.00 | 25 | 1957 | 1.4 | 36 | 1963 |
| 21 | 0.19 | 5 | 1965 | Y | Y | 1971* |
| 22 | 0.14 | 4 | 1964 | 1.4 | 36 | 1964 |
| 23 | Y | Y | 1971* | Y | Y | 1971* |
| 24 | 0.30 | 8 | 1967 | 2.0 | 51 | 1967 |
| 25 | 0.01 | | 1975 | 0.1 | 3 | 1975 |
| 26 | 0.26 | 7 | 1963 | Y | Y | 1975* |
| 27 | 0.02 | 1 | 1975* | Y | Y | 1970* |
| 28 | 0.03 | 1 | 1963 | Y | Y | 1970 |
| 29 | Y | Y | 1967* | Y | Y | 1967 |
| 30 | Y | Y | 1977* | Y | Y | 1967 |
| 31 | | | | | | |
| Monthly | 1.00 | 25 | 1957 | 2.6 | 66 | 1963 |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93102

FALLOW, NEVADA

STATION

STATION NAME

1945-1946 1955-1977

YEARS

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNTS MAR 1978

MAY

MONTH

JUNE

MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|-----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.38 | 10 | 1977 | 0.8 | 20 | 1964 |
| 2 | Y | Y | 1973* | Y | Y | 1965* |
| 3 | 0.45 | 11 | 1971 | | | |
| 4 | 0.08 | 2 | 1969 | 0.1 | 3 | 1975 |
| 5 | 0.62 | 16 | 1964 | 6.0 | 152 | 1964 |
| 6 | 0.31 | 8 | 1956 | Y | Y | 1977* |
| 7 | 0.34 | 9 | 1956 | Y | Y | 1977 |
| 8 | 0.24 | 6 | 1977 | | | |
| 9 | 0.33 | 8 | 1977 | Y | Y | 1977 |
| 10 | 0.18 | 5 | 1963 | | | |
| 11 | 0.30 | 8 | 1958 | | | |
| 12 | 0.39 | 10 | 1977 | Y | Y | 1961 |
| 13 | 0.17 | 4 | 1962 | | | |
| 14 | 0.71 | 18 | 1962 | Y | Y | 1962* |
| 15 | 0.16 | 4 | 1962 | | | |
| 16 | 0.03 | 1 | 1962 | | | |
| 17 | Y | Y | 1977* | Y | Y | 1977 |
| 18 | 0.04 | 1 | 1957 | | | |
| 19 | 0.13 | 3 | 1975 | | | |
| 20 | 0.17 | 4 | 1972 | Y | Y | 1975* |
| 21 | 0.26 | 7 | 1971 | Y | Y | 1971 |
| 22 | 0.85 | 22 | 1965 | | | |
| 23 | 0.10 | 3 | 1957 | | | |
| 24 | 0.24 | 6 | 1955 | | | |
| 25 | 0.18 | 5 | 1964 | | | |
| 26 | 0.54 | 14 | 1964 | | | |
| 27 | 0.34 | 9 | 1971 | | | |
| 28 | 0.08 | 2 | 1962 | | | |
| 29 | 0.06 | 2 | 1966 | | | |
| 30 | 0.66 | 17 | 1945 | | | |
| 31 | 0.33 | 8 | 1961 | Y | Y | 1967* |
| Monthly | 0.85 | 22 | 1965 | 6.0 | 152 | 1964 |

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.50 | 13 | 1961 | | | |
| 2 | 0.09 | 2 | 1972 | | | |
| 3 | 0.20 | 5 | 1963 | | | |
| 4 | 0.15 | 4 | 1945 | | | |
| 5 | 0.51 | 13 | 1967 | | | |
| 6 | 0.19 | 5 | 1945 | | | |
| 7 | 0.38 | 10 | 1967 | | | |
| 8 | 0.54 | 14 | 1964 | | | |
| 9 | 1.46 | 37 | 1977 | | | |
| 10 | 0.65 | 17 | 1976 | | | |
| 11 | 0.53 | 13 | 1958 | | | |
| 12 | 0.53 | 13 | 1958 | | | |
| 13 | 0.16 | 4 | 1958 | | | |
| 14 | 0.57 | 14 | 1962 | | | |
| 15 | 0.06 | 2 | 1962 | | | |
| 16 | 0.23 | 6 | 1969* | | | |
| 17 | 0.18 | 5 | 1965 | | | |
| 18 | 0.45 | 11 | 1975 | | | |
| 19 | 0.51 | 13 | 1969 | | | |
| 20 | 0.09 | 2 | 1969 | | | |
| 21 | 0.04 | 1 | 1976 | | | |
| 22 | 0.05 | 1 | 1945 | | | |
| 23 | 0.01 | | 1969 | | | |
| 24 | 0.10 | 3 | 1945 | | | |
| 25 | 0.09 | 2 | 1965 | | | |
| 26 | 0.05 | 1 | 1971 | | | |
| 27 | 0.97 | 25 | 1970 | | | |
| 28 | Y | Y | 1970 | | | |
| 29 | Y | Y | 1970 | | | |
| 30 | Y | Y | 1977* | | | |
| 31 | | | | | | |
| Monthly | 1.46 | 37 | 1977 | | | |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION

93102 FALLON, NEVADA

1945-1946 1955-1977

STATION NAME

YEARS

JULY

MONTH

AUGUST

MONTH

| DAY | PRECIPITATION GREATEST | | | | SNOWFALL GREATEST | | | |
|---------|---------------------------|----|---------|--|----------------------|----|------|--|
| | INCHES | MM | DATE | | INCHES | MM | DATE | |
| 1 | 0.17 | | 4 1977 | | | | | |
| 2 | 0.12 | | 3 1945 | | | | | |
| 3 | 0.03 | | 1 1961 | | | | | |
| 4 | 0.08 | | 2 1961 | | | | | |
| 5 | 0.19 | | 5 1970 | | | | | |
| 6 | 0.10 | | 3 1957 | | | | | |
| 7 | T | | 1 1968* | | | | | |
| 8 | 0.02 | | 1 1969 | | | | | |
| 9 | 0.09 | | 2 1974 | | | | | |
| 10 | 0.33 | | 8 1970 | | | | | |
| 11 | 0.03 | | 1 1964 | | | | | |
| 12 | 0.47 | | 12 1962 | | | | | |
| 13 | 0.07 | | 2 1973 | | | | | |
| 14 | T | | 1 1959 | | | | | |
| 15 | 0.04 | | 1 1967 | | | | | |
| 16 | 0.48 | | 12 1967 | | | | | |
| 17 | 0.28 | | 7 1958 | | | | | |
| 18 | 0.11 | | 3 1970 | | | | | |
| 19 | 0.18 | | 5 1971 | | | | | |
| 20 | 0.21 | | 5 1971 | | | | | |
| 21 | T | | 1 1957* | | | | | |
| 22 | 0.03 | | 1 1956 | | | | | |
| 23 | 0.41 | | 10 1976 | | | | | |
| 24 | 0.08 | | 2 1976 | | | | | |
| 25 | 0.11 | | 3 1965 | | | | | |
| 26 | T | | 1 1974* | | | | | |
| 27 | 0.04 | | 1 1960 | | | | | |
| 28 | 0.01 | | 1960 | | | | | |
| 29 | 0.04 | | 1 1960 | | | | | |
| 30 | 0.23 | | 6 1965 | | | | | |
| 31 | 0.34 | | 9 1976 | | | | | |
| Monthly | 0.48 | | 12 1967 | | | | | |

| DAY | PRECIPITATION GREATEST | | | | SNOWFALL GREATEST | | | |
|---------|---------------------------|----|---------|--|----------------------|----|------|--|
| | INCHES | MM | DATE | | INCHES | MM | DATE | |
| 1 | 0.27 | | 7 1974 | | | | | |
| 2 | 0.02 | | 1 1974 | | | | | |
| 3 | 0.04 | | 1 1976 | | | | | |
| 4 | 0.02 | | 1 1977* | | | | | |
| 5 | 0.03 | | 1 1974 | | | | | |
| 6 | 0.35 | | 14 1961 | | | | | |
| 7 | 0.06 | | 2 1961 | | | | | |
| 8 | 0.07 | | 2 1961 | | | | | |
| 9 | 0.05 | | 1 1963 | | | | | |
| 10 | 0.12 | | 3 1961 | | | | | |
| 11 | 0.03 | | 1 1965 | | | | | |
| 12 | 0.15 | | 4 1961 | | | | | |
| 13 | 0.73 | | 19 1968 | | | | | |
| 14 | 0.16 | | 4 1965 | | | | | |
| 15 | 0.09 | | 2 1974 | | | | | |
| 16 | 0.10 | | 3 1965 | | | | | |
| 17 | 0.56 | | 14 1965 | | | | | |
| 18 | 0.14 | | 4 1976 | | | | | |
| 19 | 1.75 | | 44 1959 | | | | | |
| 20 | 0.11 | | 3 1975 | | | | | |
| 21 | 0.16 | | 4 1961 | | | | | |
| 22 | 0.13 | | 3 1976 | | | | | |
| 23 | T | | 1 1967* | | | | | |
| 24 | 0.13 | | 3 1967 | | | | | |
| 25 | 0.07 | | 2 1961 | | | | | |
| 26 | 0.16 | | 4 1971 | | | | | |
| 27 | 0.03 | | 1 1975* | | | | | |
| 28 | 0.03 | | 1 1970 | | | | | |
| 29 | 0.17 | | 4 1970 | | | | | |
| 30 | T | | 1 1967* | | | | | |
| 31 | 0.14 | | 4 1964 | | | | | |
| Monthly | 1.75 | | 44 1959 | | | | | |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
93102

STATION NAME
FALLOW, NEVADA

STATION NAME

DAILY EXTREME AMOUNTS

1945-1946 1955-1977

YEARS

SEPTEMBER
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.15 | 4 | 1972 | | | |
| 2 | T | T | 1972* | | | |
| 3 | 0.03 | T | 1960 | | | |
| 4 | 1.20 | 30 | 1967 | | | |
| 5 | 0.37 | 14 | 1972 | | | |
| 6 | T | T | 1965 | | | |
| 7 | 0.25 | 6 | 1958 | | | |
| 8 | T | T | 1972* | | | |
| 9 | 0.03 | 1 | 1975 | | | |
| 10 | 0.35 | 9 | 1975 | | | |
| 11 | 0.09 | 2 | 1975 | | | |
| 12 | T | T | 1963 | | | |
| 13 | 0.01 | | 1959 | | | |
| 14 | 0.14 | 4 | 1959 | | | |
| 15 | | | | | | |
| 16 | 0.23 | 6 | 1961 | | | |
| 17 | 0.56 | 14 | 1957 | | | |
| 18 | 0.44 | 11 | 1963 | | | |
| 19 | 0.40 | 10 | 1956 | | | |
| 20 | 0.11 | 3 | 1956 | | | |
| 21 | T | T | 1967 | | | |
| 22 | T | T | 1973* | | | |
| 23 | 0.09 | 2 | 1967* | | | |
| 24 | T | T | 1973 | | | |
| 25 | 0.02 | 1 | 1972 | | | |
| 26 | 0.02 | 1 | 1972 | | | |
| 27 | 0.02 | 1 | 1972 | | | |
| 28 | 0.12 | 3 | 1967 | | | |
| 29 | 0.07 | 2 | 1967* | | | |
| 30 | 0.02 | 1 | 1972 | | | |
| 31 | | | | | | |
| Monthly | 1.20 | 30 | 1967 | | | |

OCTOBER
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.73 | 19 | 1972 | | | |
| 2 | 0.81 | 21 | 1976 | | | |
| 3 | 0.35 | 9 | 1974 | | | |
| 4 | 0.08 | 2 | 1974 | | | |
| 5 | 0.01 | | 1967 | | | |
| 6 | T | T | 1975 | | | |
| 7 | 0.20 | 5 | 1972* | | | |
| 8 | 0.27 | 7 | 1974 | | | |
| 9 | 0.10 | 3 | 1972 | | | |
| 10 | 0.08 | 2 | 1975 | | | |
| 11 | 0.37 | 9 | 1963 | | | |
| 12 | 0.08 | 2 | 1972 | | | |
| 13 | 0.27 | 7 | 1957 | | | |
| 14 | 0.05 | 1 | 1969 | | | |
| 15 | 0.22 | 6 | 1969 | T | T | 1971* |
| 16 | 0.30 | 8 | 1971 | T | T | 1972* |
| 17 | 0.40 | 10 | 1971 | | | |
| 18 | 0.17 | 4 | 1969 | | | |
| 19 | 0.49 | 12 | 1972 | | | |
| 20 | 0.40 | 10 | 1972 | | | |
| 21 | T | T | 1961 | | | |
| 22 | T | T | 1975 | T | T | 1975 |
| 23 | 0.16 | 4 | 1956 | T | T | 1956 |
| 24 | 0.07 | 2 | 1971 | | | |
| 25 | 0.01 | | 1975 | | | |
| 26 | 0.33 | 8 | 1957 | | | |
| 27 | 0.20 | 5 | 1961 | 2.0 | 51 | 1961 |
| 28 | 0.13 | 3 | 1974 | T | T | 1972* |
| 29 | 0.28 | 7 | 1974 | | | |
| 30 | 0.36 | 9 | 1945 | 0.1 | 3 | 1971 |
| 31 | 0.17 | 4 | 1974 | | | |
| Monthly | 0.81 | 21 | 1976 | 2.0 | 51 | 1961 |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93102

FALLOW, NEVADA

STATION

STATION NAME

NOVEMBER

MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|-----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.48 | 12 | 1974 | Y | Y | 1956 |
| 2 | 0.04 | 1 | 1968 | Y | Y | 1957 |
| 3 | 0.22 | 6 | 1968 | 0.2 | 5 | 1957 |
| 4 | 0.25 | 6 | 1957 | 2.4 | 61 | 1957 |
| 5 | 0.09 | 2 | 1963* | Y | Y | 1977* |
| 6 | 0.52 | 13 | 1960 | | | |
| 7 | 0.12 | 3 | 1966 | | | |
| 8 | 0.02 | 1 | 1974 | | | |
| 9 | 0.07 | 2 | 1970* | | | |
| 10 | Y | Y | 1973* | Y | Y | 1964 |
| 11 | 0.12 | 3 | 1954 | Y | Y | 1964 |
| 12 | 0.18 | 5 | 1971 | 0.1 | 3 | 1964 |
| 13 | 0.05 | 1 | 1973* | 0.1 | 3 | 1964 |
| 14 | 0.34 | 9 | 1965 | 0.5 | 13 | 1958 |
| 15 | 0.16 | 4 | 1954 | 0.9 | 23 | 1958 |
| 16 | 0.43 | 11 | 1965 | 4.0 | 102 | 1955 |
| 17 | 0.50 | 13 | 1955 | 5.0 | 127 | 1955 |
| 18 | 0.44 | 11 | 1967 | Y | Y | 1973* |
| 19 | 0.05 | 1 | 1967 | Y | Y | 1972* |
| 20 | 0.25 | 6 | 1961 | 3.7 | 94 | 1961 |
| 21 | 0.02 | 1 | 1973 | Y | Y | 1973 |
| 22 | 0.27 | 7 | 1965 | Y | Y | 1973 |
| 23 | 0.42 | 11 | 1965 | 0.1 | 3 | 1973 |
| 24 | 0.02 | 1 | 1965 | Y | Y | 1973* |
| 25 | 0.10 | 3 | 1961 | 0.1 | 3 | 1968 |
| 26 | Y | Y | 1973* | Y | Y | 1973 |
| 27 | 0.10 | 3 | 1967 | 0.8 | 20 | 1975 |
| 28 | 0.04 | 1 | 1962 | 0.4 | 10 | 1962 |
| 29 | 0.11 | 3 | 1970* | Y | Y | 1971* |
| 30 | 0.04 | 1 | 1968 | Y | Y | 1971* |
| 31 | | | | | | |
| Monthly | 0.52 | 13 | 1960 | 5.0 | 127 | 1955 |

DAILY EXTREME AMOUNTS

1945-1946 1954-1977

YEARS

DECEMBER

MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|------|----------------------|-----|-------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.42 | 11 | 1960 | 0.8 | 20 | 1968 |
| 2 | 0.21 | 5 | 1961 | Y | Y | 1970* |
| 3 | 0.10 | 3 | 1954 | Y | Y | 1972* |
| 4 | 0.12 | 3 | 1974 | 0.6 | 15 | 1964 |
| 5 | 0.19 | 5 | 1966 | 0.9 | 23 | 1964 |
| 6 | 0.61 | 15 | 1966 | Y | Y | 1972* |
| 7 | 0.02 | 1 | 1972 | 0.2 | 5 | 1972 |
| 8 | 0.15 | 4 | 1969 | Y | Y | 1972* |
| 9 | 0.50 | 13 | 1963 | 5.0 | 127 | 1963 |
| 10 | 0.21 | 5 | 1954 | 2.1 | 53 | 1954 |
| 11 | 0.12 | 3 | 1964 | Y | Y | 1973* |
| 12 | 0.16 | 4 | 1965 | 0.6 | 15 | 1972 |
| 13 | 0.03 | 1 | 1975 | 0.3 | 8 | 1975 |
| 14 | 0.10 | 3 | 1972 | 1.0 | 25 | 1972 |
| 15 | 0.20 | 5 | 1945 | 0.5 | 13 | 1945 |
| 16 | 0.07 | 2 | 1957 | 0.2 | 5 | 1970 |
| 17 | 0.29 | 7 | 1977 | 0.3 | 8 | 1968 |
| 18 | 0.07 | 2 | 1977 | 1.0 | 25 | 1977 |
| 19 | 0.35 | 9 | 1968 | 3.5 | 89 | 1968 |
| 20 | 0.31 | 8 | 1969 | Y | Y | 1968* |
| 21 | 0.17 | 4 | 1969 | Y | Y | 1973* |
| 22 | 0.18 | 5 | 1945 | 0.1 | 3 | 1965 |
| 23 | 0.42 | 11 | 1955 | Y | Y | 1974* |
| 24 | 0.98 | 25 | 1955 | 3.9 | 99 | 1955 |
| 25 | 0.24 | 6 | 1966 | 2.4 | 61 | 1966 |
| 26 | 0.05 | 1 | 1955 | Y | Y | 1970* |
| 27 | 0.45 | 11 | 1977 | 3.4 | 86 | 1971 |
| 28 | 0.22 | 6 | 1977 | 1.9 | 48 | 1974 |
| 29 | 0.15 | 4 | 1971 | 1.5 | 38 | 1971 |
| 30 | 0.40 | 10 | 1974 | 4.0 | 102 | 1974 |
| 31 | 0.07 | 2 | 1973 | 0.7 | 18 | 1973 |
| Monthly | 0.98 | 25 | 1955 | 5.0 | 127 | 1963 |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: **INSTRUMENT CLASS**: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93102 FALLON, NEVADA STATION NAME
45-46, 54-77 YEARS

DAILY PEAK GUSTS IN KNOTS

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-----------|--------------|-------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|
| 43 | NNW 45W | SW 39WSW 48W | 44WSW 48W | 44WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | SW 52 |
| 44 | NNW 45W | SW 39WSW 48W | 44WSW 48W | 44WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | 62WSW 42N | SW 52 |
| 45 | SSE 45SW | 52NNW 48W | 42NNW 48W | 42NNW 40NNE | 42N | 36NE | 27NW | 30W | 37N | 35S | 35S | 35S | SW 52 |
| 46 | SSW 52W | 40N 50NNW | 41WSW 30N | 31SSW 34NNW | 33NW | 30WSW | 30WSW | 30WSW | 39N | 39SW | 39SW | 39SW | SSW 52 |
| 47 | WSW 36WSW | 44WSW 40SSW | 39SW 32N | 29WSW 32NNW | 26NNW | 43SW | 35SW | 41SSW | 41 | 41SSW | 41 | 41SSW | WSW 44 |
| 48 | SW 53SSW | 45SSE 50S | 46SW | 44SW | 34NNW | 32ESE | 34ENE | 31NNW | 37N | 42WSW | 22 | 42WSW | SW 47 |
| 49 | SSE 32SSE | 37WSW 43NNW | 38WSW 47ESE | 42SSW 44WSW | 31SSW | 36NNE | 26W | 35W | 42 | 35W | 42 | 35W | WSW 47 |
| 50 | WSW 28WSW | 48WSW 45SSE | 33WSW 39NNW | 40WSW 33N | 33SSW | 36N | 30PSW | 36SSE | 34 | 30PSW | 36SSE | 34 | WSW 48 |
| 51 | NW 32NNW | 38W 41SW | 42NNW 42WSW | 47SW | 32N | 48WSW | 31W | 46WSW | 34W | 42 | 42 | 42 | N 48 |
| 52 | SSW 46SW | 29NNW 43W | 32NNW 40NNW | 31NNW | 31NNW | 31NNW | 33SSW | 40SSW | 42N | 29SSE | 28 | 29SSE | W 52 |
| 53 | NNW 28SW | 29SW 43SW | 42WSW 35SE | 40W | 35SW | 32WSW | 43NNW | 42SSW | 33W | 33 | 33 | 33 | SW 43 |
| 54 | SSW 43W | 32N 39SW | 40W 40SW | 38SW | 32SW | 32SW | 38NE | 31NNW | 27WSW | 33W | 42 | 33W | SSW 43 |
| 55 | SW 44W | 35SE 32WSW | 32W 36SE | 37SE | 35SE | 46NW | 29W | 34SE | 28S | 40 | 40 | 40 | SSE 46 |
| 56 | N 30N | 40W 44W | 35SE 36W | 29SW | 37SE | 30NE | 29W | 33SW | 40SSW | 34 | 34 | 34 | W 44 |
| 57 | SSW 36SW | 36N 38WSW | 39SW 42N | 36SW | 39NNW | 33SE | 37W | 40N | 38SW | 38 | 38 | 38 | SW 42 |
| 58 | SSW 37W | 33SW 43NW | 43NW 31N | 28N | 30S | 41SW | 41NW | 31SW | 33W | 40SSW | 38 | 40SSW | SW 43 |
| 59 | S 44S | 33W 37WSW | 39N 29W | 35SW | 34SE | 32NW | 29W | 34N | 24SW | 36 | 36 | 36 | S 44 |
| 60 | W 41SW | 37NE 35SW | 41W 32N | 38NW | 42SE | 22NE | 35W | 27SW | 34SW | 34 | 34 | 34 | NW 42 |
| 61 | N 31SE | 43SE 46SE | 46SE 46SE | 39SE | 31 | 42PO | 2912 | 2935 | 3134 | 4033 | 2327 | 33 | |
| 62 | 28 3525 | 3526 | 3724 | 39 | 4080 | 3112 | 3524 | 3801 | 3222 | 3523 | 3621 | 50 | 21 50 |
| 63 | 19 3721 | 2923 | 3393 | 3425 | 4080 | 4021 | 4136 | 3836 | 2512 | 2619 | 3129 | 31 | 21 49 |
| 64 | 19 3721 | 4910 | 4020 | 4527 | 3416 | 4021 | 4136 | 3836 | 2512 | 2619 | 3129 | 31 | |
| 65 | 27 3625 | 3728 | 4120 | 4128 | 3924 | 4480 | 3628 | 3711 | 3327 | 31 | 34 | 37 | |
| 66 | 26 2821 | 4725 | 4133 | 4028 | 3223 | 2612 | 3229 | 31 | 11 | 2935 | 2332 | 22 | |
| 67 | 26 3230 | 3627 | 4530 | 3528 | 3622 | 3515 | 3316 | 30 | 27 | 31 | 26 | 36 | |
| MEAN | 37.8 | 38.8 | 41.4 | 39.7 | 37.2 | 36.5 | 36.6 | 34.1 | 33.9 | 34.3 | 34.4 | 37.2 | 46.8 |
| S. D. | 7.323 | 6.582 | 4.762 | 4.993 | 5.134 | 5.405 | 6.711 | 5.992 | 5.668 | 5.411 | 5.819 | 6.970 | 3.843 |
| TOTAL OBS. | 743 | 677 | 740 | 718 | 710 | 720 | 743 | 713 | 630 | 739 | 659 | 770 | 8562 |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

| | | |
|---------|----------------|--------------|
| 93102 | FALLON, NEVADA | 45-46, 54-77 |
| STATION | STATION NAME | YEARS |

DAILY PEAK GUSTS IN KNOTS
BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/[illegible]

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA
STATION NAME

73

YEARS

JAN
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 100.0 | | | | | | | | | | 100.0 | 4.0 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.0 | |
| | | 100.0 | | | | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73

YEARS

JAN

MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | 50.0 | | | | | | | | | | 50.0 | 5.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | 50.0 | | | | | | | | | | | 50.0 | 2.0 |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | .0 | |
| CALM | | | | | | | | | | | | | |
| | 50.0 | 50.0 | | | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

YEARS

73-77

JAN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | .7 | 1.3 | | | | | | | | | 3.9 | 5.3 |
| NNE | | | | | | | | | | | | | |
| NE | .7 | 1.3 | | | | | | | | | | 2.0 | 4.3 |
| ENE | .7 | | .7 | | | | | | | | | 1.3 | 4.5 |
| E | 4.6 | | | | | | | | | | | 4.6 | 1.7 |
| ESE | 1.3 | 2.0 | | | | | | | | | | 3.3 | 3.8 |
| SE | .7 | 1.3 | | .7 | | | | | | | | 2.6 | 6.3 |
| SSE | 2.0 | 1.3 | 1.3 | .7 | 1.3 | | | | | | | 6.6 | 8.6 |
| S | 7.2 | 1.3 | .7 | 1.3 | | | | | | | | 10.5 | 4.4 |
| SSW | 3.9 | .7 | .7 | | | | | | | | | 5.3 | 3.0 |
| SW | 2.6 | 1.3 | | .7 | | | | | | | | 4.6 | 4.6 |
| WSW | 3.3 | .7 | | | | | | | | | | 3.9 | 2.2 |
| W | .7 | 2.0 | | | | | | | | | | 2.6 | 4.5 |
| WNW | | | .7 | | | | | | | | | .7 | 9.0 |
| NW | .7 | 2.0 | | | | | | | | | | 2.6 | 4.3 |
| NNW | 1.3 | 1.3 | | .7 | | | | | | | | 3.3 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.1 | |
| | 31.6 | 15.8 | 5.3 | 3.9 | 1.3 | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

152

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

71-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 4.5 | .6 | .6 | | | | | | | | 7.8 | 5.6 |
| NNE | 1.3 | 1.9 | .6 | .6 | | | | | | | | 4.5 | 5.7 |
| NE | 1.3 | .6 | | | | | | | | | | 1.9 | 2.7 |
| ENE | 3.2 | 1.3 | | | | | | | | | | 4.5 | 3.1 |
| E | 2.6 | | | | | | | | | | | 2.6 | 2.3 |
| ESE | | .6 | | | | | | | | | | .6 | 6.0 |
| SE | 2.6 | 1.9 | 1.9 | | | | | | | | | 6.5 | 4.5 |
| SSE | 5.8 | 2.6 | | 1.3 | | .6 | | | | | | 10.4 | 5.5 |
| S | 1.9 | 3.9 | 1.9 | 1.9 | 1.3 | | | | | | | 11.0 | 6.2 |
| SSW | 3.2 | 1.3 | .6 | | | | | | | | | 5.2 | 3.4 |
| SW | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| WSW | .6 | | | | | | | | | | | .6 | 2.0 |
| W | 1.9 | 1.3 | .6 | .6 | | | | | | | | 4.5 | 5.4 |
| WNW | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| NW | .6 | .6 | 1.3 | .6 | | | | | | | | 3.2 | 6.2 |
| NNW | .6 | 1.3 | .6 | .6 | | | | | | | | 3.2 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.9 | |
| | 29.9 | 23.4 | 8.4 | 5.8 | 1.9 | .6 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS

154

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

YEARS

72-77

JAN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 6.5 | 3.9 | .6 | 1.3 | 1.3 | | | | | | | 13.6 | 5.9 |
| NNE | 3.2 | 2.6 | | | | | | | | | | 5.9 | 3.3 |
| NE | 3.2 | 5.2 | .6 | | | | | | | | | 9.1 | 4.4 |
| ENE | 1.9 | 2.6 | .6 | | | | | | | | | 5.2 | 4.5 |
| E | .6 | | | | | | | | | | | .6 | 1.0 |
| ESE | 1.9 | .6 | | | | | | | | | | 2.6 | 3.5 |
| SE | .6 | .6 | 1.3 | .6 | | | | | | | | 3.2 | 7.0 |
| SSE | 1.3 | .6 | .6 | 1.3 | | | | | | | | 3.9 | 7.2 |
| S | 1.3 | 4.5 | 2.6 | 1.9 | .6 | .6 | | | | | | 11.7 | 8.4 |
| SSW | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 4.5 |
| SW | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| WSW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.3 |
| W | | 1.3 | .6 | 1.3 | | | | | | | | 3.2 | 8.8 |
| WNW | .6 | .6 | | .6 | | | | | | | | 1.9 | 7.0 |
| NW | 3.2 | 1.9 | | .6 | .6 | | | | | | | 6.5 | 6.0 |
| NNW | 2.6 | | 1.3 | 1.3 | | | | | | | | 5.2 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.1 | |
| | 31.2 | 27.3 | 9.1 | 9.1 | 2.6 | .6 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 8.4 | 2.6 | 1.3 | | | | | | | | 16.2 | 5.5 |
| NNE | 3.9 | 8.4 | 3.9 | | | | | | | | | 16.2 | 5.1 |
| NE | 3.9 | 7.8 | 3.2 | | | | | | | | | 14.9 | 5.1 |
| ENE | | 4.5 | 1.3 | | | | | | | | | 5.8 | 5.3 |
| E | 1.9 | | .6 | | | | | | | | | 2.6 | 4.0 |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| SE | | 3.9 | | .6 | | | | | | | | 4.5 | 6.0 |
| SSE | .6 | .6 | 1.3 | .6 | | | | | | | | 3.2 | 8.2 |
| S | 1.3 | 1.9 | 1.9 | .6 | | | | | | | | 5.8 | 6.4 |
| SSW | .6 | | .6 | .6 | | | | | | | | 1.9 | 8.3 |
| SW | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| WSW | .6 | | | | | | | | | | | .6 | 2.0 |
| W | | .6 | .6 | 1.3 | .6 | | | | | | | 3.2 | 11.2 |
| WNW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| NW | | 1.3 | .6 | | | | | | | | | 1.9 | 7.3 |
| NNW | 1.3 | 1.9 | .6 | .6 | .6 | | | | | | | 5.2 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.6 | |
| | 20.8 | 40.9 | 17.5 | 5.8 | 1.3 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.2 | 2.0 | .7 | | | | | | | | | 7.8 | 3.7 |
| NNE | 7.8 | 2.6 | | | | | | | | | | 10.5 | 2.9 |
| NE | 9.2 | 1.3 | | | | | | | | | | 10.5 | 2.1 |
| ENE | 1.3 | 2.0 | | | | | | | | | | 3.3 | 3.4 |
| E | 2.0 | | | | | | | | | | | 2.0 | 2.0 |
| ESE | .7 | | .7 | | | | | | | | | 1.3 | 5.5 |
| SE | .7 | 1.3 | | | | | | | | | | 2.0 | 4.3 |
| SSE | .7 | 3.3 | .7 | 1.3 | | | | | | | | 5.9 | 6.9 |
| S | 1.3 | 2.0 | .7 | | | | | | | | | 3.9 | 5.0 |
| SSW | 2.6 | 1.3 | .7 | | | | | | | | | 4.6 | 3.7 |
| SW | 3.9 | .7 | | | | | | | | | | 4.6 | 3.0 |
| WSW | .7 | .7 | | | | | | | | | | 1.3 | 3.0 |
| W | 1.3 | 1.3 | .7 | | | | | | | | | 3.3 | 4.2 |
| WNW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 4.3 |
| NW | .7 | .7 | 1.3 | | | | | | | | | 2.6 | 5.8 |
| NNW | 2.0 | 1.3 | 2.0 | | | | | | | | | 5.2 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.8 | |
| | 41.2 | 21.6 | 7.2 | 1.3 | | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

153

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 2.0 | .7 | | | | | | | | | 4.0 | 5.3 |
| NNE | 1.3 | .7 | | | | | | | | | | 2.0 | 3.3 |
| NE | 2.0 | | | | | | | | | | | 2.0 | 2.7 |
| ENE | .7 | | | | | | | | | | | .7 | 2.0 |
| E | 1.3 | .7 | | | | | | | | | | 2.0 | 3.3 |
| ESE | | 2.0 | | | | | | | | | | 2.0 | 4.7 |
| SE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 2.8 |
| SSE | 3.3 | 2.0 | 1.3 | .7 | | | | | | | | 7.3 | 5.3 |
| S | 8.6 | 3.3 | .7 | 1.3 | 1.3 | | | | | | | 15.2 | 5.4 |
| SSW | 4.6 | .7 | | | | | | | | | | 3.3 | 2.5 |
| SW | 2.6 | | | | | | | | | | | 2.6 | 2.5 |
| WSW | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| W | 1.3 | .7 | .7 | | | | | | | | | 2.6 | 4.3 |
| WNW | .7 | .7 | .7 | | | | | | | | | 2.0 | 5.7 |
| NW | 1.3 | .7 | | 1.3 | | | | | | | | 3.3 | 7.2 |
| NNW | 4.0 | 2.0 | 1.3 | | | | | | | | | 7.3 | 4.3 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.7 | |
| | 34.4 | 17.9 | 5.3 | 3.3 | 1.3 | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS

151

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA

STATION NAME

71-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.5 | 3.7 | 1.1 | .4 | .3 | | | | | | | 9.0 | 5.3 |
| NNE | 2.9 | 2.7 | .8 | .1 | | | | | | | | 6.5 | 4.2 |
| NE | 3.4 | 2.8 | .7 | | | | | | | | | 6.8 | 3.9 |
| ENE | 1.3 | 1.7 | .4 | | | | | | | | | 3.5 | 4.2 |
| E | 2.2 | .1 | .1 | | | | | | | | | 2.4 | 2.5 |
| ESE | .8 | 1.0 | .1 | | | | | | | | | 1.8 | 4.2 |
| SE | 1.0 | 1.7 | .5 | .3 | | | | | | | | 3.6 | 5.2 |
| SSE | 2.3 | 1.7 | .9 | 1.0 | .2 | .1 | | | | | | 6.2 | 6.6 |
| S | 3.6 | 2.8 | 1.4 | 1.2 | .5 | .1 | | | | | | 9.7 | 6.4 |
| SSW | 2.7 | .8 | .5 | .1 | | | | | | | | 4.1 | 3.7 |
| SW | 2.1 | .7 | | .1 | | | | | | | | 2.8 | 3.4 |
| WSW | 1.2 | .7 | | | | | | | | | | 1.8 | 2.8 |
| W | .9 | 1.2 | .5 | .5 | .1 | | | | | | | 3.3 | 6.5 |
| WNW | .8 | .5 | .2 | .1 | | | | | | | | 1.6 | 5.1 |
| NW | 1.1 | 1.2 | .5 | .4 | .1 | | | | | | | 3.4 | 6.4 |
| NNW | 2.0 | 1.3 | 1.0 | .5 | .1 | | | | | | | 4.9 | 5.8 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.6 | |
| | 31.5 | 24.6 | 6.8 | 4.9 | 1.4 | .2 | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS

921

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

93102
STATION

FALLON, NEVADA

STATION NAME

74

YEARS

FEB
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

0000

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | 100.0 | | | | | | | | | | 100.0 | 5.0 |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | .0 | |
| CALM | | | | | | | | | | | | 100.0 | 5.0 |
| | | 100.0 | | | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

1

0000

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | | .7 | | | | | | | | | 2.1 | 4.0 |
| NNE | .7 | 1.4 | | | | | | | | | | 2.1 | 4.3 |
| NE | .7 | | | | | | | | | | | .7 | 2.0 |
| ENE | | .7 | | | | | | | | | | .7 | 6.0 |
| E | 2.8 | | | | | | | | | | | 2.8 | 2.0 |
| ESE | .7 | 1.4 | | .7 | | | | | | | | 2.8 | 5.5 |
| SE | 2.1 | | 2.8 | | | | | | | | | 5.0 | 6.0 |
| SSE | 5.0 | 2.1 | 2.8 | | | | | | | | | 9.9 | 4.5 |
| S | 7.8 | 3.5 | 1.4 | | | | | | | | | 12.8 | 3.7 |
| SSW | 3.5 | 2.1 | .7 | .7 | | | | | | | | 7.1 | 4.9 |
| SW | | | | | | | | | | | | | |
| WSW | 1.4 | 1.4 | .7 | .7 | | | | | | | | 4.3 | 5.3 |
| W | 1.4 | | | | | | | | | | | 1.4 | 2.5 |
| WNW | | .7 | | | | | | | | | | .7 | 6.0 |
| NW | .7 | | 1.4 | | | | | | | | | 2.1 | 6.7 |
| NNW | .7 | .7 | 1.4 | | | | | | | | | 2.8 | 6.3 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.6 | |
| | 29.1 | 14.2 | 12.1 | 2.1 | | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

71-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | | .7 | .7 | | | | | | | | 2.1 | 8.0 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | .7 | | .7 | | | | | | | | | 1.4 | 5.0 |
| E | .7 | .7 | | | .7 | | | | | | | 2.1 | 10.0 |
| ESE | 2.1 | | | | | | | | | | | 2.1 | 2.3 |
| SE | 2.1 | 1.4 | 1.4 | 1.4 | | | | | | | | 6.4 | 6.6 |
| SSE | 2.8 | 3.5 | 4.3 | 2.1 | | | | | | | | 12.8 | 6.4 |
| S | 3.5 | 5.0 | 5.0 | 2.8 | | | | | | | | 16.3 | 7.0 |
| SSW | 2.1 | .7 | 2.1 | | .7 | | | | | | | 5.7 | 7.0 |
| SW | .7 | .7 | | .7 | | | | | | | | 2.1 | 7.0 |
| WSW | .7 | .7 | .7 | .7 | | | | | | | | 2.8 | 6.8 |
| W | | 1.4 | | 1.4 | | | | | | | | 2.8 | 8.8 |
| WNW | .7 | | | | | | | | | | | .7 | 3.0 |
| NW | 2.1 | 2.1 | 2.8 | | | | | | | | | 7.1 | 5.9 |
| NNW | .7 | 3.5 | 2.1 | .7 | | | | | | | | 7.1 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.4 | |
| | 19.9 | 19.9 | 19.9 | 10.6 | 1.4 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB
MONTH

1225

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 4.3 | 2.8 | .7 | | | | | | | | 9.2 | 6.0 |
| NNE | .7 | 4.3 | | | | | | | | | | 5.0 | 4.4 |
| NE | 1.4 | 2.8 | .7 | | | | | | | | | 5.0 | 4.6 |
| ENE | 1.4 | 2.8 | | .7 | | | | | | | | 5.0 | 4.4 |
| E | 4.3 | .7 | .7 | | | | | | | | | 5.7 | 3.3 |
| ESE | .7 | .7 | .7 | | | | | | | | | 2.1 | 5.0 |
| SE | .7 | .7 | .7 | .7 | | | | | | | | 2.8 | 7.3 |
| SSE | 1.4 | 2.8 | 1.4 | .7 | | | | | | | | 6.4 | 5.8 |
| S | 2.1 | 5.0 | 2.1 | 2.1 | .7 | | | | | | | 12.1 | 7.1 |
| SSW | 1.4 | .7 | 2.1 | .7 | 1.4 | 1.4 | | | | | | 7.8 | 12.5 |
| SW | | 1.4 | .7 | 1.4 | | | | | | | | 3.5 | 8.8 |
| WSW | | .7 | | .7 | | | | | | | | 1.4 | 10.0 |
| W | .7 | 2.1 | .7 | 1.4 | | | | | | | | 5.0 | 7.6 |
| WRW | 1.4 | .7 | 1.4 | | | | | | | | | 3.5 | 5.2 |
| NW | 1.4 | 1.4 | | .7 | | | | | | | | 3.5 | 5.6 |
| NNW | .7 | 2.1 | 3.5 | 1.4 | | | | | | | | 7.8 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 19.9 | 33.3 | 17.7 | 11.3 | 2.1 | 1.4 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | 2.8 | 6.4 | 2.8 | .7 | | | | | | | | 12.8 | 5.5 |
| NNE | 2.1 | 11.3 | 5.0 | .7 | | | | | | | | 19.1 | 5.8 |
| NE | 3.5 | 4.3 | | | | | | | | | | 7.8 | 4.2 |
| ENE | 2.8 | 2.1 | .7 | | | | | | | | | 5.7 | 4.3 |
| E | .7 | | | | | | | | | | | .7 | 2.0 |
| ESE | 1.4 | .7 | .7 | 1.4 | | | | | | | | 4.3 | 7.5 |
| SE | 2.1 | | 1.4 | | | | | | | | | 3.5 | 4.2 |
| SSE | 1.4 | | 1.4 | | | | | | | | | 2.8 | 5.5 |
| S | | .7 | 2.1 | | | | | | | | | 2.8 | 7.8 |
| SSW | 1.4 | .7 | .7 | 2.1 | | .7 | .7 | | | | | 6.4 | 12.1 |
| SW | | | 1.4 | .7 | .7 | .7 | | | | | | 3.5 | 14.6 |
| WSW | | .7 | .7 | | 1.4 | | | | | | | 2.8 | 12.5 |
| W | 1.4 | 1.4 | 2.8 | 4.3 | 1.4 | | | | | | | 11.3 | 10.5 |
| WNW | .7 | .7 | .7 | .7 | | .7 | | | | | | 3.5 | 11.4 |
| NW | | 1.4 | | 1.4 | | | | | | | | 2.8 | 9.8 |
| NNW | 1.4 | 1.4 | | 2.1 | | | | | | | | 5.0 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 22.0 | 31.9 | 20.6 | 14.2 | 3.5 | 2.1 | .7 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.7 | 5.0 | .7 | .7 | .7 | | | | | | | 12.8 | 5.2 |
| NNE | 6.4 | 5.0 | | | | | | | | | | 11.3 | 3.2 |
| NE | 4.3 | 2.8 | | | | | | | | | | 7.1 | 3.2 |
| ENE | 3.5 | 1.4 | | | | | | | | | | 5.0 | 3.0 |
| E | 1.4 | 1.4 | | | | | | | | | | 2.8 | 3.3 |
| ESE | 2.1 | .7 | | | | | | | | | | 2.8 | 3.0 |
| SE | | .7 | 1.4 | | | | | | | | | 2.1 | 6.7 |
| SSE | 2.1 | 2.1 | .7 | | | | | | | | | 5.0 | 4.4 |
| S | 1.4 | 2.8 | .7 | .7 | .7 | | | | | | | 6.4 | 7.7 |
| SSW | 1.4 | 2.8 | 1.4 | | | | | | | | | 5.7 | 5.4 |
| SW | | | 1.4 | 1.4 | | | | | | | | 2.8 | 11.5 |
| WSW | .7 | | .7 | .7 | | | | | | | | 2.1 | 9.0 |
| W | .7 | 2.8 | 2.8 | 1.4 | | | | | | | | 7.8 | 7.1 |
| WNW | | 1.4 | .7 | .7 | | | | | | | | 2.8 | 8.3 |
| NW | .7 | 2.1 | | .7 | | | | | | | | 3.5 | 6.2 |
| NNW | 2.1 | .7 | 1.4 | | | | | | | | | 4.3 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.6 | |
| | 32.6 | 31.9 | 12.1 | 6.4 | 1.4 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB
MONTH

22
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 2.1 | | 1.4 | | | | | | | | 5.0 | 5.9 |
| NNE | 1.4 | | | | | | | | | | | 1.4 | 2.5 |
| NE | | .7 | | | | | | | | | | .7 | 4.0 |
| ENE | | .7 | | | | | | | | | | .7 | 4.0 |
| E | | .7 | | | | | | | | | | .7 | 4.0 |
| ESE | 1.4 | 1.4 | | | | | | | | | | 2.9 | 3.3 |
| SE | 2.1 | 2.9 | 2.1 | | | | | | | | | 7.1 | 5.3 |
| SSE | 4.3 | 2.1 | .7 | | | | | | | | | 7.1 | 3.5 |
| S | 5.0 | 3.6 | 2.9 | .7 | .7 | | | | | | | 12.9 | 5.4 |
| SSW | 2.1 | .7 | .7 | | | | | | | | | 3.6 | 4.0 |
| SW | 2.1 | .7 | .7 | | .7 | | | | | | | 4.3 | 6.2 |
| WSW | 1.4 | .7 | 1.4 | .7 | | | | | | | | 4.3 | 6.5 |
| W | 2.1 | | 1.4 | .7 | | | | | | | | 4.3 | 5.8 |
| WNW | 1.4 | 1.4 | .7 | .7 | | | | | | | | 4.3 | 6.0 |
| NW | .7 | 2.9 | | | | | | | | | | 3.6 | 4.0 |
| NNW | .7 | 1.4 | 1.4 | .7 | | | | | | | | 4.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.9 | |
| | 26.4 | 22.1 | 12.1 | 5.0 | 1.4 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS

140

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 3.0 | 1.3 | .7 | .1 | | | | | | | 7.3 | 5.6 |
| NNE | 1.9 | 3.7 | .8 | .1 | | | | | | | | 6.5 | 4.7 |
| NE | 1.7 | 1.8 | .1 | | | | | | | | | 3.5 | 3.9 |
| ENE | 1.4 | 1.3 | .2 | .1 | | | | | | | | 3.1 | 4.1 |
| E | 1.7 | .6 | .1 | | .1 | | | | | | | 2.5 | 4.0 |
| ESE | 1.4 | .8 | .2 | .4 | | | | | | | | 2.8 | 4.8 |
| SE | 1.5 | .9 | 1.7 | .4 | | | | | | | | 4.5 | 5.9 |
| SSE | 2.8 | 2.2 | 1.9 | .5 | | | | | | | | 7.4 | 5.1 |
| S | 3.3 | 3.4 | 2.4 | 1.1 | .4 | | | | | | | 10.5 | 6.1 |
| SSW | 2.0 | 1.3 | 1.3 | .6 | .4 | .4 | .1 | | | | | 6.0 | 8.1 |
| SW | .5 | .5 | .7 | .7 | .2 | .1 | | | | | | 2.7 | 9.6 |
| WSW | .7 | .7 | .7 | .6 | .2 | | | | | | | 3.0 | 7.8 |
| W | 1.1 | 1.3 | 1.3 | 1.5 | .2 | | | | | | | 5.4 | 8.1 |
| WNW | .7 | .8 | .6 | .4 | | .1 | | | | | | 2.6 | 7.3 |
| NW | .9 | 1.7 | .7 | .5 | | | | | | | | 3.8 | 6.2 |
| NNW | 1.1 | 1.7 | 1.7 | .8 | | | | | | | | 5.2 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.0 | |
| | 24.9 | 25.7 | 15.7 | 8.3 | 1.7 | .6 | .1 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

846

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA
STATION NAME

74

YEARS

MAR
MONTH

ALL WEATHER
CLASS

04

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | 16.7 | | | | | | | | | | | 16.7 | 3.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | 16.7 | | | | | | | | | | | 16.7 | 3.0 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | 16.7 | | | | | | | | | | | 16.7 | 1.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | 16.7 | | | | | | | | | | 16.7 | 4.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | 16.7 | | | | | | | | | | | 16.7 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 66.7 | 16.7 | | | | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.3 | .6 | | | | | | | | | 1.9 | 6.3 |
| NNE | .6 | | | .6 | | | | | | | | 1.3 | 8.5 |
| NE | .6 | | | | | | | | | | | .6 | 2.0 |
| ENE | 1.3 | | | | | | | | | | | 1.3 | 1.5 |
| E | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| ESE | 1.9 | 1.9 | | | | | | | | | | 3.9 | 3.7 |
| SE | 1.9 | 3.9 | .6 | | | | | | | | | 6.5 | 4.1 |
| SSE | 5.2 | 6.5 | 1.9 | 1.3 | | | | | | | | 14.8 | 4.8 |
| S | 7.7 | .6 | .6 | | | | | | | | | 9.0 | 2.6 |
| SSW | .6 | 2.6 | .6 | | | | | | | | | 3.9 | 4.7 |
| SW | .6 | | .6 | .6 | | | | | | | | 1.9 | 8.3 |
| WSW | 2.6 | | | .6 | | | | | | | | 3.2 | 4.0 |
| W | 3.9 | 2.6 | 1.3 | | | | | | | | | 7.7 | 4.5 |
| WNW | .6 | 1.3 | | .6 | | | | | | | | 2.6 | 6.0 |
| NW | 1.3 | 2.6 | 4.5 | | | | | | | | | 8.4 | 6.2 |
| NNW | | 2.6 | 1.9 | 1.3 | | | | | | | | 5.8 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.8 | |
| | 29.7 | 26.5 | 12.9 | 5.2 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | .6 | 1.3 | 1.9 | | | | | | | | 5.8 | 7.2 |
| NNE | 1.3 | 1.3 | 2.6 | .6 | | | | | | | | 5.8 | 6.6 |
| NE | .6 | .6 | | .6 | | | | | | | | 1.3 | 7.5 |
| ENE | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| E | 1.9 | | | | | | | | | | | 1.9 | 2.7 |
| ESE | 1.9 | .6 | | .6 | | | | | | | | 3.2 | 5.2 |
| SE | 3.2 | 3.2 | | | | | | | | | | 6.5 | 3.6 |
| SSE | .6 | 3.2 | 5.2 | 1.3 | | | | | | | | 10.3 | 7.8 |
| S | 2.6 | 3.9 | 4.5 | .6 | | .6 | | | | | | 12.3 | 7.2 |
| SSW | .6 | 1.3 | | | 1.9 | | | | | | | 3.9 | 11.0 |
| SW | 1.3 | .6 | .6 | | 1.3 | | | | | | | 3.9 | 10.2 |
| WSW | .6 | | 1.3 | | .6 | | | | | | | 2.6 | 9.3 |
| W | 1.9 | 1.3 | 1.3 | 1.3 | | | | | | | | 5.8 | 6.8 |
| WNW | 1.3 | .6 | 1.3 | 1.3 | .6 | | | | | | | 5.2 | 8.8 |
| NW | .6 | 1.3 | 2.6 | 1.3 | .6 | | | | | | | 6.5 | 9.0 |
| NNW | 1.3 | 2.6 | 4.5 | 1.9 | .6 | | | | | | | 11.0 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.9 | |
| | 21.9 | 21.9 | 25.2 | 11.6 | 5.8 | .6 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .6 | 5.2 | 1.3 | 3.9 | .6 | | | | | | | 11.6 | 9.1 |
| NNE | | .6 | | | | | | | | | | .6 | 4.0 |
| NE | 1.9 | .6 | 1.9 | | | | | | | | | 4.5 | 5.3 |
| ENE | 1.3 | 1.9 | | | | | | | | | | 3.2 | 3.8 |
| E | 2.6 | | | | | | | | | | | 2.6 | 2.3 |
| ESE | 1.3 | .6 | .6 | | | | | | | | | 2.6 | 4.8 |
| SE | 1.3 | 1.9 | 1.3 | 1.3 | | | | | | | | 5.8 | 7.3 |
| SSE | 1.9 | 1.9 | 2.6 | | | | | | | | | 6.5 | 5.5 |
| S | 2.6 | 4.5 | 2.6 | 1.3 | | 1.3 | | | | | | 12.3 | 8.0 |
| SSW | | | | | | | | | | | | | |
| SW | 1.9 | 1.3 | 1.3 | 2.6 | 1.9 | .6 | | | | | | 9.7 | 11.3 |
| WSW | 1.3 | 1.9 | 1.3 | .6 | 1.3 | 1.9 | | | | | | 8.4 | 12.2 |
| W | .6 | 1.9 | 3.2 | | .6 | | | | | | | 6.5 | 8.0 |
| WNW | .6 | 1.9 | 1.9 | .6 | | | | | | | | 5.2 | 6.9 |
| NW | 1.3 | 1.3 | 3.9 | 2.6 | | | | | | | | 9.0 | 8.4 |
| NNW | | 1.9 | 3.2 | 1.3 | | | | | | | | 6.5 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 19.4 | 27.7 | 25.2 | 14.2 | 4.5 | 3.9 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.9 | 3.9 | 3.2 | .6 | .6 | | | | | | 11.6 | 9.8 |
| NNE | .6 | 3.9 | 1.3 | | | | | | | | | 5.8 | 6.0 |
| NE | 1.9 | | 1.3 | 1.3 | | | | | | | | 4.5 | 6.6 |
| ENE | | 1.9 | | | | | | | | | | 1.9 | 5.0 |
| E | .6 | 1.3 | | 1.3 | | | | | | | | 3.2 | 7.4 |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| SE | 1.9 | 1.3 | .6 | | | | | | | | | 3.9 | 4.5 |
| SSE | .6 | 1.3 | .6 | 1.3 | | | | | | | | 3.9 | 8.3 |
| S | .6 | 2.6 | 1.3 | | | .6 | | | | | | 5.2 | 7.9 |
| SSW | .6 | 1.3 | .6 | .6 | .6 | | | | | | | 3.9 | 9.0 |
| SW | | | | 4.5 | 1.9 | | | | | | | 6.5 | 15.3 |
| WSW | 1.3 | .6 | .6 | 2.6 | 1.9 | .6 | | | | | | 7.7 | 12.9 |
| W | 1.3 | .6 | 2.6 | 1.9 | | | .6 | | | | | 7.1 | 10.5 |
| WNW | .6 | 1.9 | 2.6 | 1.9 | | | | | | | | 7.1 | 8.4 |
| NW | | 1.9 | 4.5 | 2.6 | .6 | | | | | | | 9.7 | 9.7 |
| NNW | 1.3 | 1.9 | 3.2 | 1.9 | 1.3 | .6 | | | | | | 10.3 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 13.5 | 23.2 | 23.2 | 23.2 | 7.1 | 2.6 | .6 | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

71-77

YEARS

MAR
MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 5.8 | 2.6 | .6 | 1.3 | .6 | | | | | | 14.2 | 7.3 |
| NNE | 2.6 | 3.9 | .6 | .6 | | | | | | | | 7.7 | 5.0 |
| NE | .6 | 1.9 | .6 | | | | | | | | | 3.2 | 5.0 |
| ENE | 1.3 | 3.2 | | | | | | | | | | 4.5 | 3.9 |
| E | 1.9 | 1.9 | | | | | | | | | | 3.9 | 3.2 |
| ESE | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| SE | | .6 | | | | | | | | | | .6 | 4.0 |
| SSE | | .6 | | | | | | | | | | .6 | 5.0 |
| S | 1.9 | .6 | | .6 | | | | | | | | 3.2 | 5.6 |
| SSW | .6 | | 1.9 | | | | | | | | | 2.6 | 7.5 |
| SW | .6 | 1.3 | 1.3 | 2.6 | 1.3 | | | | | | | 7.1 | 10.7 |
| WSW | | 3.9 | .6 | .6 | | | | | | | | 5.2 | 6.9 |
| W | 1.9 | .6 | 3.9 | 3.2 | 1.3 | | | | | | | 11.0 | 9.9 |
| WNW | 1.9 | 3.9 | 1.9 | | | | | | | | | 7.7 | 5.3 |
| NW | .6 | 4.5 | 2.6 | 1.3 | | | | | | | | 9.0 | 6.9 |
| NNW | 1.9 | 1.9 | 1.9 | 1.9 | | | | | | | | 7.7 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 20.6 | 35.5 | 18.1 | 11.6 | 3.9 | .6 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 1.3 | 4.5 | .6 | | | | | | | | 8.4 | 6.2 |
| NNE | 1.9 | .6 | | .6 | | | | | | | | 3.2 | 4.8 |
| NE | 1.9 | | | | | | | | | | | 1.9 | 2.3 |
| ENE | 1.3 | | .6 | | | | | | | | | 1.9 | 4.0 |
| E | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| ESE | 1.3 | 1.3 | .6 | | | | | | | | | 3.2 | 4.4 |
| SE | 3.2 | 1.3 | 1.3 | | | | | | | | | 5.8 | 4.1 |
| SSE | 1.3 | 2.6 | | | | | | | | | | 3.9 | 4.3 |
| S | 3.9 | 1.3 | | | | | | | | | | 5.2 | 2.9 |
| SSW | 2.6 | .6 | | 1.3 | | | | | | | | 4.5 | 5.9 |
| SW | 2.6 | .6 | 1.3 | .6 | | | | | | | | 5.2 | 5.3 |
| WSW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.0 |
| W | 3.2 | 3.9 | 5.2 | 1.3 | | | | | | | | 13.5 | 6.4 |
| WNW | .6 | 5.2 | 1.3 | 1.3 | | | | | | | | 8.4 | 6.6 |
| NW | 1.9 | 3.2 | .6 | .6 | | | | | | | | 6.5 | 5.2 |
| NNW | 2.6 | 4.5 | 1.3 | 1.3 | | .6 | | | | | | 10.3 | 6.9 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 32.3 | 28.4 | 16.8 | 7.7 | | .6 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 2.7 | 2.4 | 1.7 | .4 | .2 | | | | | | 8.9 | 8.0 |
| NNE | 1.3 | 1.7 | .7 | .4 | | | | | | | | 4.2 | 5.7 |
| NE | 1.2 | .5 | .6 | .3 | | | | | | | | 2.7 | 5.3 |
| ENE | 1.0 | 1.3 | .1 | | | | | | | | | 2.4 | 3.8 |
| E | 1.4 | .7 | | .2 | | | | | | | | 2.4 | 3.9 |
| ESE | 1.4 | 1.0 | .2 | .1 | | | | | | | | 2.7 | 4.2 |
| SE | 2.0 | 2.0 | .6 | .2 | | | | | | | | 4.9 | 4.7 |
| SSE | 1.6 | 2.7 | 1.7 | .6 | | | | | | | | 6.6 | 6.0 |
| S | 3.2 | 2.2 | 1.5 | .4 | | .4 | | | | | | 7.8 | 6.0 |
| SSW | 1.0 | 1.0 | .5 | .3 | .4 | | | | | | | 3.2 | 7.3 |
| SW | 1.2 | .6 | .9 | 1.8 | 1.1 | .1 | | | | | | 5.7 | 10.7 |
| WSW | 1.2 | 1.3 | .6 | .7 | .6 | .4 | | | | | | 4.9 | 9.5 |
| W | 2.1 | 1.9 | 2.9 | 1.3 | .3 | | .1 | | | | | 8.7 | 7.6 |
| WNW | 1.0 | 2.5 | 1.5 | 1.0 | .1 | | | | | | | 5.0 | 7.0 |
| NW | 1.0 | 2.5 | 3.1 | 1.4 | .2 | | | | | | | 8.1 | 7.7 |
| NNW | 1.3 | 2.6 | 2.7 | 1.6 | .3 | .2 | | | | | | 8.7 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 23.2 | 27.1 | 20.1 | 12.2 | 3.5 | 1.4 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

936

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
03102

STATION NAME
FALLON, NEVADA

YEARS
74

MONTH
APR

CLASS
ALL WEATHER

HOURS (L.S.T.)
04

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | 50.0 | | | | | | | | | 50.0 | 8.0 |
| W | | | | | | | | | | | | | |
| WNW | | 50.0 | | | | | | | | | | 50.0 | 4.0 |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | | 50.0 | 50.0 | | | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

2

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.3 | 5.3 | | | | | | | | | 6.7 | 6.1 |
| NNE | | 1.3 | | .7 | | | | | | | | 2.0 | 7.0 |
| NE | | .7 | | | | | | | | | | .7 | 5.0 |
| ENE | .7 | | | | | | | | | | | .7 | 2.0 |
| E | .7 | | | | | | | | | | | .7 | 2.0 |
| ESE | 1.3 | 1.3 | .7 | | | | | | | | | 3.3 | 4.0 |
| SE | 2.0 | 4.0 | | | | | | | | | | 6.0 | 3.9 |
| SSE | 5.3 | 5.3 | | | | | | | | | | 10.7 | 3.3 |
| S | 6.0 | 4.0 | 1.3 | .7 | | | | | | | | 12.0 | 4.0 |
| SSW | | 2.0 | .7 | | | | | | | | | 2.7 | 5.5 |
| SW | 1.3 | .7 | .7 | | | | | | | | | 2.7 | 5.3 |
| WSW | 2.0 | .7 | | .7 | | | | | | | | 3.3 | 4.8 |
| W | 4.0 | .7 | 4.0 | .7 | | | | | | | | 9.3 | 6.1 |
| WNW | 1.3 | 1.3 | 3.3 | .7 | | | | | | | | 6.7 | 7.3 |
| NW | 2.0 | .7 | .7 | 1.3 | | | | | | | | 4.7 | 6.9 |
| NNW | .7 | .7 | 4.0 | 1.3 | | | | | | | | 6.7 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.3 | |
| | 27.3 | 24.7 | 20.7 | 6.0 | | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 3.3 | 3.3 | 4.7 | .7 | | | | | | | 12.7 | 9.3 |
| NNE | .7 | 2.0 | .7 | .7 | | | | | | | | 4.0 | 6.5 |
| NE | .7 | .7 | .7 | | | | | | | | | 2.0 | 5.0 |
| ENE | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| E | 1.3 | .7 | | | | | | | | | | 2.0 | 2.7 |
| ESE | 2.0 | 4.0 | | | | | | | | | | 6.0 | 3.6 |
| SE | .7 | 2.7 | | | | | | | | | | 3.3 | 5.2 |
| SSE | 3.3 | | | .7 | | | | | | | | 4.0 | 3.8 |
| S | 1.3 | 5.3 | 2.7 | 1.3 | | | | | | | | 10.7 | 6.5 |
| SSW | 1.3 | 2.0 | | | .7 | | | | | | | 4.0 | 5.8 |
| SW | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 5.0 |
| WSW | 1.3 | .7 | .7 | | | | | | | | | 2.7 | 4.0 |
| W | 2.7 | 2.7 | 2.0 | 1.3 | | | | | | | | 8.7 | 6.2 |
| WNW | 1.3 | 2.7 | 4.7 | | | | | | | | | 8.7 | 7.2 |
| NW | 2.0 | 2.0 | .7 | | | | | | | | | 4.7 | 4.0 |
| NNW | 2.0 | 2.7 | 2.0 | 3.3 | 1.3 | | | | | | | 11.3 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 22.7 | 34.0 | 18.0 | 12.0 | 2.7 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03102 FALLON, NEVADA STATION NAME YEARS MONTH APR 13 HOURS (L.S.T.) 13

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 6.0 | 4.7 | 4.0 | | | | | | | | 16.7 | 7.8 |
| NNE | .7 | 2.0 | 2.7 | 1.3 | | | | | | | | 6.7 | 7.9 |
| NE | 1.3 | .7 | .7 | | | | | | | | | 2.7 | 5.0 |
| ENE | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| E | 1.3 | | | | | | | | | | | 1.3 | 3.0 |
| ESE | | 1.3 | | | .7 | | | | | | | 2.0 | 10.0 |
| SE | | 3.3 | | .7 | | | | | | | | 4.0 | 6.3 |
| SSE | .7 | .7 | 2.0 | 1.3 | | | | | | | | 4.7 | 8.4 |
| S | .7 | 3.3 | .7 | .7 | | | | | | | | 5.3 | 6.8 |
| SSW | .7 | 2.0 | 2.0 | 1.3 | .7 | | | | | | | 6.7 | 9.0 |
| SW | .7 | 3.3 | 1.3 | .7 | .7 | | | | | | | 6.7 | 7.3 |
| WSW | | 2.0 | | .7 | | | | | | | | 2.7 | 8.0 |
| W | .7 | 3.3 | 4.0 | | .7 | | | | | | | 8.7 | 8.0 |
| WNW | | 4.7 | 2.7 | .7 | | | | | | | | 8.0 | 7.4 |
| NW | .7 | 2.7 | 2.7 | 1.3 | 1.3 | | | | | | | 8.7 | 9.5 |
| NNW | 1.3 | 2.7 | 2.7 | 3.3 | | | | | | | | 10.0 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 11.3 | 38.7 | 26.0 | 16.0 | 4.0 | | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME
FALLON, NEVADA

YEARS
73-77

MONTH
APR

CLASS
ALL WEATHER

HOURS (L.S.T.)
16

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 7.3 | 4.7 | 3.3 | .7 | | | | | | | 18.7 | 7.4 |
| NNE | | .7 | 4.0 | 2.7 | | | | | | | | 7.3 | 9.4 |
| NE | 3.3 | 3.3 | .7 | 1.3 | | | | | | | | 8.7 | 5.3 |
| ENE | | | | .7 | | | | | | | | .7 | 12.0 |
| E | .7 | 2.0 | | | | | | | | | | 2.7 | 4.3 |
| ESE | | | | | .7 | | | | | | | .7 | 20.0 |
| SE | | 1.3 | | 1.3 | | | | | | | | 2.7 | 8.0 |
| SSE | .7 | .7 | .7 | | .7 | | | | | | | 2.7 | 9.0 |
| S | 2.0 | 1.3 | | .7 | | .7 | | | | | | 4.7 | 8.6 |
| SSW | | .7 | .7 | .7 | | .7 | | | | | | 2.7 | 12.3 |
| SW | .7 | | 1.3 | .7 | | | | | | | | 2.7 | 9.3 |
| WSW | .7 | 2.0 | | .7 | 1.3 | .7 | | | | | | 5.3 | 11.8 |
| W | .7 | 2.0 | 3.3 | 4.7 | 1.3 | | | | | | | 12.0 | 10.9 |
| WNW | | .7 | 3.3 | 2.0 | | | | | | | | 6.0 | 9.9 |
| NW | | 2.0 | 2.0 | 2.0 | 1.3 | | | | | | | 7.3 | 11.4 |
| NNW | 2.0 | 4.0 | 3.3 | 2.0 | | | | | | | | 11.3 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 13.3 | 28.0 | 24.0 | 22.7 | 6.0 | 2.0 | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.7 | 4.7 | 3.3 | .7 | .7 | | | | | | | 14.0 | 5.9 |
| NNE | 2.7 | 5.3 | 2.7 | | | | | | | | | 10.7 | 5.3 |
| NE | 2.7 | 4.7 | | | | | | | | | | 7.3 | 3.7 |
| ENE | 3.3 | 1.3 | 1.3 | | | | | | | | | 6.0 | 4.4 |
| E | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 4.8 |
| ESE | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| SE | .7 | | 1.3 | | | | | | | | | 2.0 | 6.3 |
| SSE | .7 | .7 | | .7 | | | | | | | | 2.0 | 7.0 |
| S | 1.3 | .7 | | .7 | | | | | | | | 2.7 | 5.5 |
| SSW | | | .7 | | | | | | | | | .7 | 8.0 |
| SW | | | .7 | | .7 | | | | | | | 1.3 | 12.5 |
| WSW | .7 | | 1.3 | | .7 | | | | | | | 2.7 | 9.3 |
| W | .7 | 5.3 | 7.3 | 6.0 | .7 | | | | | | | 20.0 | 9.1 |
| WNW | .7 | 2.7 | 2.7 | | | | | | | | | 6.0 | 6.8 |
| NW | | 1.3 | 3.3 | 1.3 | | | | | | | | 6.0 | 8.6 |
| NNW | .7 | 2.0 | 1.3 | 2.0 | | | | | | | | 6.0 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 19.3 | 32.0 | 26.7 | 11.3 | 2.7 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 4.0 | 1.3 | | | | | | | | | 8.0 | 4.6 |
| NNE | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| NE | .7 | 1.3 | | | | | | | | | | 2.0 | 5.0 |
| ENE | | | | | | | | | | | | | |
| E | | 1.3 | | | | | | | | | | 1.3 | 4.5 |
| ESE | .7 | | | | | | | | | | | .7 | 3.0 |
| SE | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| SSE | 1.3 | 3.3 | | | | | | | | | | 4.7 | 4.1 |
| S | 2.7 | .7 | .7 | | | | | | | | | 4.0 | 4.3 |
| SSW | 1.3 | .7 | | | | | | | | | | 2.0 | 3.3 |
| SW | 2.7 | 2.0 | | | | .7 | | | | | | 5.3 | 5.9 |
| WSW | 2.0 | .7 | | | | | | | | | | 2.7 | 2.8 |
| W | 7.3 | 5.3 | 6.7 | .7 | | | | | | | | 20.0 | 5.5 |
| WNW | 2.0 | 5.3 | 2.0 | 1.3 | | | | | | | | 10.7 | 6.2 |
| NW | 2.7 | 6.0 | 1.3 | | | | | | | | | 10.0 | 4.7 |
| NNW | .7 | 2.0 | 2.0 | 1.3 | | | | | | | | 6.0 | 7.8 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.0 | |
| | 27.3 | 34.7 | 14.0 | 3.3 | | .7 | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 4.4 | 3.6 | 2.1 | .3 | | | | | | | 12.7 | 7.3 |
| NNE | .7 | 2.1 | 1.7 | .9 | | | | | | | | 5.3 | 7.0 |
| NE | 1.4 | 1.9 | .3 | .2 | | | | | | | | 3.9 | 4.7 |
| ENE | .9 | .4 | .2 | .1 | | | | | | | | 1.7 | 4.5 |
| E | .8 | 1.0 | .1 | | | | | | | | | 1.9 | 3.9 |
| ESE | .7 | 1.3 | .1 | | .2 | | | | | | | 2.3 | 5.4 |
| SE | .7 | 2.0 | .2 | .3 | | | | | | | | 3.2 | 5.4 |
| SSE | 2.0 | 1.8 | .4 | .4 | .1 | | | | | | | 4.8 | 5.1 |
| S | 2.3 | 2.5 | .9 | .7 | | .1 | | | | | | 6.5 | 5.7 |
| SSW | .6 | 1.2 | .7 | .3 | .2 | .1 | | | | | | 3.1 | 7.6 |
| SW | 1.0 | 1.3 | .8 | .2 | .2 | .1 | | | | | | 3.7 | 7.1 |
| WSW | 1.1 | 1.0 | .4 | .3 | .3 | .1 | | | | | | 3.3 | 7.4 |
| W | 2.7 | 3.2 | 4.5 | 2.2 | .4 | | | | | | | 13.1 | 7.7 |
| WNW | .9 | 3.0 | 3.1 | .8 | | | | | | | | 7.8 | 7.3 |
| NW | 1.2 | 2.4 | 1.8 | 1.0 | .4 | | | | | | | 6.9 | 7.6 |
| NNW | 1.2 | 2.3 | 2.5 | 2.2 | .2 | | | | | | | 8.5 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 20.2 | 32.0 | 21.6 | 11.9 | 2.5 | .4 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS

902

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73

YEARS

MAY
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | 100.0 | | | | | | | | | | 100.0 | 4.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | .0 | |
| CALM | | | | | | | | | | | | | |
| | | 100.0 | | | | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | .6 | 2.6 | 1.3 | | | | | | | | 4.5 | 9.1 |
| NNE | | .6 | 1.3 | | | | | | | | | 1.9 | 6.7 |
| NE | | | .6 | | | | | | | | | .6 | 7.0 |
| ENE | .6 | .6 | | | | | | | | | | 1.3 | 2.5 |
| E | | | | | | | | | | | | | |
| ESE | .6 | | | | | | | | | | | .6 | 2.0 |
| SE | 9.0 | 1.3 | | | | | | | | | | 10.3 | 2.5 |
| SSE | 3.2 | 2.6 | .6 | | | | | | | | | 6.5 | 3.9 |
| S | 7.1 | 4.5 | 1.3 | | | | | | | | | 12.9 | 3.8 |
| SSW | 3.9 | .6 | | | | | | | | | | 4.5 | 2.9 |
| SW | 4.5 | 1.3 | | | | | | | | | | 5.8 | 2.8 |
| WSW | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.6 |
| W | 4.5 | 2.6 | 1.3 | .6 | | | | | | | | 9.0 | 4.1 |
| WNW | 1.9 | 5.2 | 1.9 | | | | | | | | | 9.0 | 4.9 |
| NW | .6 | .6 | 2.6 | | | | | | | | | 3.9 | 6.3 |
| NNW | 1.3 | .6 | 2.6 | .6 | | | | | | | | 5.2 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.6 | |
| | 39.4 | 22.6 | 14.8 | 2.6 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA

STATION NAME

72-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 3.2 | 1.3 | 1.3 | .6 | | | | | | | 10.3 | 6.3 |
| NNE | 1.9 | 4.5 | .6 | | | | | | | | | 7.1 | 4.9 |
| NE | .6 | 1.3 | | | | | | | | | | 1.9 | 4.3 |
| ENE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| E | 3.2 | | .6 | | | | | | | | | 3.9 | 3.7 |
| ESE | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.2 |
| SE | | | | | | | | | | | | | |
| SSE | 1.9 | 3.2 | .6 | | | | | | | | | 5.8 | 4.0 |
| S | 2.6 | 3.2 | 1.3 | | | | | | | | | 7.1 | 4.5 |
| SSW | 2.6 | 2.6 | | 1.3 | | | | | | | | 6.5 | 5.6 |
| SW | 1.3 | 2.6 | .6 | 1.3 | | | | | | | | 5.8 | 6.3 |
| WSW | 2.6 | 1.9 | | .6 | | | | | | | | 5.2 | 4.9 |
| W | 1.3 | 3.2 | 2.6 | .6 | | | | | | | | 7.7 | 6.3 |
| WNW | 1.9 | 1.9 | .6 | .6 | | | | | | | | 5.2 | 5.1 |
| NW | 1.9 | 1.9 | 3.2 | | | | | | | | | 7.1 | 5.9 |
| NNW | 3.2 | 6.5 | 3.9 | 1.9 | | | | | | | | 15.5 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 32.3 | 37.4 | 15.5 | 7.7 | .6 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93102

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 5.8 | 5.2 | | | | | | | | | 11.0 | 6.6 |
| NNE | .6 | 3.2 | 2.6 | 1.3 | | | | | | | | 7.7 | 7.2 |
| NE | .6 | .6 | 1.3 | .6 | | | | | | | | 3.2 | 7.4 |
| ENE | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| E | 2.6 | 1.3 | | | | | | | | | | 3.9 | 3.7 |
| ESE | 1.3 | | 1.3 | | | | | | | | | 2.6 | 5.0 |
| SE | 1.3 | 1.3 | 1.3 | | | | | | | | | 3.9 | 5.2 |
| SSE | | 1.9 | | | | | | | | | | 1.9 | 4.7 |
| S | 1.3 | 3.2 | .6 | | | | | | | | | 5.2 | 4.1 |
| SSW | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.8 |
| SW | | .6 | 1.3 | 2.6 | | | | | | | | 4.5 | 10.3 |
| WSW | .6 | 1.9 | 1.3 | | | 1.3 | | | | | | 5.2 | 10.0 |
| W | .6 | 8.4 | 1.9 | 2.6 | 2.6 | | | | | | | 16.1 | 9.2 |
| WNW | 1.3 | 3.2 | 1.3 | 2.6 | | | | | | | | 8.4 | 7.7 |
| NW | | 5.8 | .6 | .6 | | | | | | | | 7.1 | 6.3 |
| NNW | .6 | 5.8 | 4.5 | | | | | | | | | 11.0 | 5.8 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 13.5 | 45.2 | 23.2 | 10.3 | 2.6 | 1.3 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEAR

MAY
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | 2.6 | 4.5 | .6 | | | | | | | | 8.4 | 7.5 |
| NNE | 2.6 | 7.1 | .6 | | 1.3 | | | | | | | 11.6 | 6.1 |
| NE | | .6 | .6 | .6 | | | | | | | | 1.9 | 8.3 |
| ENE | | 1.3 | 2.6 | | | | | | | | | 3.9 | 7.5 |
| E | .6 | | | | .6 | | | | | | | 1.3 | 10.0 |
| ESE | | .6 | | | .6 | | | | | | | 1.3 | 13.5 |
| SE | | | .6 | | | | | | | | | .6 | 7.0 |
| SSE | .6 | .6 | .6 | | | | | | | | | 1.9 | 5.0 |
| S | .6 | | .6 | | | | | | | | | 1.3 | 5.5 |
| SSW | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| SW | | | 1.3 | .6 | | | | | | | | 1.9 | 10.0 |
| WSW | .6 | .6 | 1.3 | 3.2 | | | | | | | | 5.8 | 11.1 |
| W | 1.3 | 3.2 | 5.8 | 7.1 | 2.6 | .6 | | | | | | 20.6 | 10.8 |
| WNW | .6 | 2.6 | 3.2 | 4.5 | 1.3 | | | | | | | 12.3 | 10.0 |
| NW | 1.9 | 3.9 | 3.2 | 1.3 | 1.3 | | | | | | | 11.6 | 8.0 |
| NNW | 1.3 | 3.9 | 5.8 | 1.3 | | | | | | | | 12.3 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 11.0 | 28.4 | 31.0 | 19.4 | 7.7 | .6 | | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 6.5 | .6 | 1.9 | .6 | | | | | | | 12.9 | 6.1 |
| NNE | 1.3 | 5.8 | .6 | | | | | | | | | 7.7 | 4.8 |
| NE | 1.9 | 1.9 | .6 | | | | | | | | | 4.5 | 4.7 |
| ENE | 2.6 | 2.6 | | | | | | | | | | 5.2 | 3.3 |
| E | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| ESE | | | | | | | | | | | | | |
| SE | | .6 | | | .6 | | | | | | | 1.3 | 11.0 |
| SSE | .6 | | | | | | | | | | | .6 | 2.0 |
| S | .6 | .6 | .6 | .6 | | | | | | | | 2.6 | 8.0 |
| SSW | | 1.3 | .6 | | | | | | | | | 1.9 | 6.3 |
| SW | | 1.9 | | | | | | | | | | 1.9 | 5.3 |
| WSW | .6 | .6 | 3.9 | 1.3 | | | | | | | | 6.5 | 9.2 |
| W | 1.9 | 4.5 | 6.5 | 8.4 | .6 | | | | | | | 21.9 | 9.3 |
| WNW | .6 | 1.9 | 3.9 | 2.6 | | | | | | | | 9.0 | 8.3 |
| NW | .6 | 2.6 | 1.9 | 3.2 | | | | | | | | 8.4 | 8.8 |
| NNW | .6 | 1.3 | 3.9 | 1.9 | | | | | | | | 7.7 | 8.6 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 16.1 | 32.9 | 23.2 | 20.0 | 1.9 | | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 3.9 | 1.9 | 2.6 | | | | | | | | 9.7 | 8.0 |
| NNE | 1.9 | 1.3 | .6 | .6 | | | | | | | | 4.5 | 5.4 |
| NE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.3 |
| ENE | .6 | 1.3 | | .6 | | | | | | | | 2.6 | 6.0 |
| E | | .6 | | | | | | | | | | .6 | 6.0 |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 3.5 |
| SE | .6 | | | | | | | | | | | .6 | 1.0 |
| SSE | 1.3 | .6 | | | | | | | | | | 1.9 | 3.3 |
| S | 3.2 | 1.3 | | | | | | | | | | 4.5 | 3.1 |
| SSW | .6 | 1.9 | | | | | | | | | | 2.6 | 4.5 |
| SW | 1.3 | 1.9 | | | | | | | | | | 3.2 | 3.6 |
| WSW | 1.9 | .6 | .6 | | | | | | | | | 3.2 | 3.6 |
| W | 3.2 | 11.0 | 7.1 | .6 | | | | | | | | 21.9 | 6.0 |
| WNW | 2.6 | 8.4 | 3.9 | .6 | | | | | | | | 15.5 | 6.0 |
| NW | 2.6 | 7.7 | 2.6 | | | | | | | | | 12.9 | 5.1 |
| NNW | .6 | 2.6 | .6 | .6 | | | | | | | | 4.5 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 23.9 | 45.2 | 17.4 | 5.8 | | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 3.8 | 2.7 | 1.3 | .2 | | | | | | | 9.5 | 7.0 |
| NNE | 1.4 | 3.8 | 1.1 | .3 | .2 | | | | | | | 6.8 | 5.8 |
| NE | .8 | 1.0 | .5 | .2 | | | | | | | | 2.5 | 5.6 |
| ENE | 1.0 | 1.1 | .4 | .1 | | | | | | | | 2.6 | 4.7 |
| E | 1.3 | .4 | .1 | | .1 | | | | | | | 1.9 | 4.4 |
| ESE | .8 | .4 | .2 | | .1 | | | | | | | 1.5 | 5.1 |
| SE | 1.6 | .5 | .3 | | .1 | | | | | | | 2.8 | 3.9 |
| SSE | 1.3 | 1.5 | .3 | | | | | | | | | 3.1 | 4.0 |
| S | 2.6 | 2.3 | .8 | .1 | | | | | | | | 5.7 | 4.3 |
| SSW | 1.5 | 1.5 | .1 | .2 | | | | | | | | 3.3 | 4.6 |
| SW | 1.2 | 1.4 | .5 | .8 | | | | | | | | 3.9 | 6.1 |
| WSW | 1.4 | 1.2 | 1.2 | .9 | | .2 | | | | | | 4.8 | 7.7 |
| W | 2.1 | 5.5 | 4.2 | 3.3 | 1.0 | .1 | | | | | | 16.2 | 8.1 |
| WNW | 1.5 | 3.9 | 2.5 | 1.8 | .2 | | | | | | | 9.9 | 7.2 |
| NW | 1.3 | 3.8 | 2.4 | .9 | .2 | | | | | | | 8.5 | 6.7 |
| NNW | 1.3 | 3.4 | 3.5 | 1.1 | | | | | | | | 9.3 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 22.7 | 35.3 | 20.8 | 11.0 | 2.1 | .3 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

931

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73

YEARS

JUN
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | 100.0 | | | | | | | | | | 100.0 | 5.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | | 100.0 | | | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 2.0 | 3.3 | 1.3 | | | | | | | | 6.7 | 6.4 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | .7 | | | | | | | | | | .7 | 6.0 |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | 2.0 | | | | | | | | | | | 2.0 | 2.3 |
| SSE | 2.7 | 2.7 | | | | | | | | | | 5.3 | 3.5 |
| S | 6.7 | 5.3 | | | | | | | | | | 12.0 | 3.8 |
| SSW | 3.3 | 1.3 | | | | | | | | | | 4.7 | 2.7 |
| SW | 5.3 | | | | | | | | | | | 5.3 | 2.5 |
| WSW | 1.3 | 2.0 | .7 | | | | | | | | | 4.0 | 4.5 |
| W | 9.3 | 7.3 | 1.3 | 2.0 | | | | | | | | 20.0 | 5.2 |
| WNW | .7 | 4.7 | .7 | | | | | | | | | 6.0 | 4.8 |
| NW | .7 | | .7 | | | | | | | | | 1.3 | 5.0 |
| NNW | 1.3 | 3.3 | 4.7 | | | | | | | | | 9.3 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.7 | |
| | 33.3 | 29.3 | 11.3 | 3.3 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

150

AD-A060 545 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) FALLON, --ETC(U)
JUL 78

UNCLASSIFIED

NL

2 OF 4

AD
A060545

100

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 8.0 | 3.3 | .7 | | | | | | | | 14.0 | 5.8 |
| NNE | 2.0 | 2.0 | 1.3 | | | | | | | | | 5.3 | 4.8 |
| NE | 2.7 | 1.3 | 1.3 | | | | | | | | | 5.3 | 4.0 |
| ENE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| E | .7 | .7 | | | | | | | | | | 1.3 | 4.5 |
| ESE | 1.3 | .7 | | | | | | | | | | 2.0 | 3.7 |
| SE | .7 | 3.3 | | | | | | | | | | 4.0 | 4.7 |
| SSE | 2.0 | | | | | | | | | | | 2.0 | 2.7 |
| S | .7 | 2.0 | 2.7 | | | | | | | | | 5.3 | 6.0 |
| SSW | 2.0 | 2.0 | | | .7 | | | | | | | 4.7 | 5.1 |
| SW | | .7 | | | | | | | | | | .7 | 6.0 |
| WSW | 2.0 | 2.0 | 1.3 | | | | .7 | | | | | 6.0 | 7.2 |
| W | 2.7 | 4.0 | 3.3 | | | | | | | | | 10.0 | 5.5 |
| WNW | .7 | 2.7 | 2.0 | | | | | | | | | 5.3 | 5.8 |
| NW | 2.7 | 3.3 | .7 | .7 | | | | | | | | 7.3 | 4.8 |
| NNW | 4.0 | 5.3 | 1.3 | 1.3 | | | | | | | | 12.0 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.3 | |
| | 27.3 | 38.0 | 17.3 | 2.7 | .7 | | .7 | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 6.0 | 4.0 | 1.3 | .7 | | | | | | | 12.0 | 7.4 |
| NNE | 2.0 | 3.3 | 1.3 | | | | | | | | | 6.7 | 4.5 |
| NE | | 2.7 | | | | | | | | | | 2.7 | 5.3 |
| ENE | .7 | 2.7 | | | | | | | | | | 3.3 | 4.4 |
| E | | 2.0 | .7 | | | | | | | | | 2.7 | 5.3 |
| ESE | | | .7 | | | | | | | | | .7 | 9.0 |
| SE | .7 | .7 | | | | | | | | | | 1.3 | 4.0 |
| SSE | .7 | 2.7 | .7 | .7 | .7 | | | | | | | 2.0 | 12.0 |
| S | .7 | | | .7 | 1.3 | | | | | | | 5.3 | 8.8 |
| SSW | .7 | 2.7 | | | | | | | | | | 3.3 | 5.0 |
| SW | 1.3 | 3.3 | 1.3 | | | | | | | | | 6.0 | 5.6 |
| WSW | .7 | 2.0 | 2.0 | 1.3 | | | | | | | | 6.0 | 7.6 |
| W | 4.0 | 4.7 | 2.7 | .7 | | .7 | | | | | | 12.7 | 6.3 |
| WNW | 3.3 | 3.3 | 2.0 | | | | | | | | | 6.7 | 4.4 |
| NW | | 4.7 | 1.3 | 1.3 | | | | | | | | 7.3 | 7.3 |
| NNW | 1.3 | 7.3 | 2.0 | 2.0 | | | | | | | | 12.7 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 15.3 | 48.0 | 18.7 | 8.0 | 2.7 | .7 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 5.3 | 5.3 | 1.3 | | | | | | | | 13.3 | 6.8 |
| NNE | | 4.0 | 2.7 | 2.7 | | | | | | | | 9.3 | 8.1 |
| NE | .7 | 2.0 | 2.0 | | | | | | | | | 4.7 | 6.1 |
| ENE | .7 | 3.3 | .7 | | | | | | | | | 4.7 | 5.3 |
| E | .7 | | | | | | | | | | | .7 | 1.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | .7 | .7 | | 1.3 | 1.3 | | | | | | | 4.0 | 13.2 |
| SSW | | | | | | | | | | | | | |
| SW | 1.3 | | .7 | .7 | | | | | | | | 2.7 | 6.3 |
| WSW | | 1.3 | 2.0 | 2.7 | | | | | | | | 6.0 | 9.6 |
| W | 1.3 | 4.0 | 4.7 | 8.0 | | | | | | | | 18.0 | 9.1 |
| WNW | | 2.7 | 2.0 | 3.3 | 1.3 | | | | | | | 9.3 | 10.8 |
| NW | 1.3 | 4.0 | 2.0 | .7 | .7 | | | | | | | 8.7 | 7.2 |
| NNW | 1.3 | 8.0 | 2.0 | 2.7 | | | | | | | | 14.0 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 9.3 | 35.3 | 24.0 | 23.3 | 3.3 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

YEARS

73-77

JUN
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 6.0 | 2.7 | 1.3 | | | | | | | | 10.7 | 6.4 |
| NNE | 1.3 | 4.0 | 2.0 | .7 | | | | | | | | 8.0 | 5.9 |
| NE | | 6.7 | .7 | | | | | | | | | 7.3 | 4.9 |
| ENE | 2.0 | 2.0 | 2.0 | | | | | | | | | 6.0 | 5.4 |
| E | .7 | 1.3 | | | | | | | | | | 2.0 | 4.0 |
| ESE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| SE | | | | | | | | | | | | | |
| SSE | .7 | | | .7 | | | | | | | | 1.3 | 8.5 |
| S | .7 | 1.3 | | 1.3 | | | | | | | | 3.3 | 7.6 |
| SSW | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| SW | | | .7 | 1.3 | | | | | | | | 2.0 | 11.0 |
| WSW | | 2.0 | 1.3 | .7 | | | | | | | | 4.0 | 8.3 |
| W | .7 | 2.7 | 12.0 | 6.7 | | | | | | | | 22.0 | 9.2 |
| WNW | .7 | 2.7 | 7.3 | 2.7 | | | | | | | | 13.3 | 8.9 |
| NW | .7 | 2.7 | 2.7 | .7 | | | | | | | | 6.7 | 7.0 |
| NNW | | 2.7 | 2.7 | 1.3 | | | | | | | | 6.7 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 9.3 | 35.3 | 34.0 | 17.3 | | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03102

FALLON, NEVADA

STATION NAME

71-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 4.7 | 1.3 | .7 | | | | | | | | 7.4 | 5.7 |
| NNE | 3.4 | 2.0 | .7 | | | | | | | | | 6.0 | 4.1 |
| NE | 2.7 | | | | | | | | | | | 2.7 | 2.0 |
| ENE | .7 | | .7 | | | | | | | | | 1.3 | 4.5 |
| E | | .7 | | | | | | | | | | .7 | 6.0 |
| ESE | | | | | | | | | | | | | |
| SE | .7 | | .7 | | | | | | | | | 1.3 | 5.0 |
| SSE | .7 | 2.0 | | | | | | | | | | 2.7 | 3.5 |
| S | 2.0 | .7 | | .7 | | | | | | | | 3.4 | 4.4 |
| SSW | 1.3 | 1.3 | | | | | | | | | | 2.7 | 3.8 |
| SW | 1.3 | 2.0 | .7 | | | | | | | | | 4.0 | 5.0 |
| WSW | 1.3 | 2.7 | | | | | | | | | | 4.0 | 3.8 |
| W | 5.4 | 6.7 | 7.4 | .7 | | | | | | | | 20.1 | 6.0 |
| WNW | 2.0 | 14.8 | 2.0 | | | | | | | | | 18.8 | 5.0 |
| NW | 2.0 | 6.7 | 2.0 | | | | | | | | | 10.7 | 5.0 |
| NNW | 1.3 | 3.4 | 2.0 | .7 | | | | | | | | 7.4 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 25.5 | 47.7 | 17.4 | 2.7 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

149

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|-------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-----------------------|
| N | .8 | 5.3 | 3.3 | 1.1 | .1 | | | | | | | 10.7 | 6.7 |
| NNE | 1.4 | 2.6 | 1.3 | .6 | | | | | | | | 5.9 | 5.7 |
| NE | 1.0 | 2.1 | .7 | | | | | | | | | 3.8 | 4.6 |
| ENE | .9 | 1.4 | .6 | | | | | | | | | 2.9 | 4.9 |
| E | .3 | .8 | .1 | | | | | | | | | 1.2 | 4.5 |
| ESE | .4 | .1 | .1 | | | | | | | | | .7 | 4.2 |
| SE | .7 | .7 | .1 | | | | | | | | | 1.4 | 4.1 |
| SSE | 1.0 | .8 | .1 | .2 | .1 | | | | | | | 2.2 | 5.2 |
| S | 1.9 | 2.2 | .4 | .7 | .4 | | | | | | | 5.7 | 6.5 |
| SSW | 1.2 | 1.4 | | | .1 | | | | | | | 2.8 | 4.2 |
| SW | 1.6 | 1.0 | .6 | .3 | | | | | | | | 3.4 | 5.3 |
| WSW | .9 | 2.0 | 1.2 | .8 | | | .1 | | | | | 5.0 | 7.1 |
| W | 3.9 | 4.9 | 5.2 | 3.0 | | .1 | | | | | | 17.1 | 7.1 |
| WNW | 1.2 | 5.1 | 2.7 | 1.0 | .2 | | | | | | | 10.2 | 6.7 |
| NW | 1.2 | 3.6 | 1.6 | .6 | .1 | | | | | | | 7.0 | 6.1 |
| NNW | 1.6 | 5.0 | 2.4 | 1.3 | | | | | | | | 10.3 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 20.0 | 39.0 | 20.4 | 9.6 | 1.1 | .1 | .1 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

900

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA
STATION NAME

73
YEAR

JUL
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 100.0 | |
| | | | | | | | | | | | | 100.0 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS

1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

7J-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | .6 | .6 | | | | | | | | | 1.3 | 7.0 |
| NNE | | | | | | | | | | | | | |
| NE | | .6 | | | | | | | | | | .6 | 4.0 |
| ENE | | | | | | | | | | | | | |
| E | | .6 | | | | | | | | | | .6 | 5.0 |
| ESE | | | | | | | | | | | | | |
| SE | 3.2 | 1.3 | | | | | | | | | | 4.5 | 2.7 |
| SSE | 5.2 | 1.3 | | | | | | | | | | 6.5 | 2.5 |
| S | 14.2 | 5.2 | .6 | .6 | | | | | | | | 20.6 | 3.2 |
| SSW | 3.2 | .6 | | | | | | | | | | 3.9 | 2.5 |
| SW | 2.6 | 1.9 | | | | | | | | | | 4.5 | 2.9 |
| WSW | 5.8 | .6 | | | | | | | | | | 6.5 | 2.5 |
| W | 7.7 | 5.2 | | | | | | | | | | 12.9 | 3.0 |
| WNW | 5.2 | 4.5 | .6 | | | | | | | | | 10.3 | 4.1 |
| NW | .6 | 1.3 | | | | | | | | | | 1.9 | 4.0 |
| NNW | .6 | | .6 | | | | | | | | | 1.3 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.5 | |
| | 48.4 | 23.9 | 2.6 | .6 | | | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.8 | 10.3 | 1.3 | | | | | | | | | 17.4 | 4.1 |
| NNE | 1.3 | 3.9 | 1.3 | | | | | | | | | 6.5 | 5.2 |
| NE | | | | | | | | | | | | | |
| ENE | 1.9 | .6 | | | | | | | | | | 2.6 | 3.0 |
| E | .6 | 1.3 | | | | | | | | | | 1.9 | 3.7 |
| ESE | | | | | | | | | | | | | |
| SE | .6 | | | | | | | | | | | .6 | 3.0 |
| SSE | | 1.3 | | .6 | | | | | | | | 1.9 | 7.0 |
| S | .6 | 1.9 | | | | | | | | | | 2.6 | 4.3 |
| SSW | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 5.5 |
| SW | 1.9 | 1.9 | 1.3 | | | | | | | | | 5.2 | 5.0 |
| WSW | 3.2 | 1.9 | | | | | | | | | | 5.2 | 3.4 |
| W | 5.8 | 4.5 | .6 | | | | | | | | | 11.0 | 4.1 |
| WNW | 4.5 | 7.7 | .6 | | | | | | | | | 12.9 | 4.0 |
| NW | 4.5 | 3.2 | 1.3 | | | | | | | | | 9.0 | 3.8 |
| NNW | 3.2 | 4.5 | 1.3 | | | | | | | | | 9.0 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 34.8 | 44.5 | 8.4 | .6 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93102

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.5 | 5.8 | 2.6 | | | | | | | | | 12.9 | 4.9 |
| NNE | .6 | 5.2 | | | | | | | | | | 5.8 | 4.7 |
| NE | 1.3 | 2.6 | | | | | | | | | | 3.9 | 4.5 |
| ENE | 1.3 | .6 | | | | | | | | | | 1.9 | 3.3 |
| E | .6 | | | | | | | | | | | .6 | 2.0 |
| ESE | | | | | | | | | | | | | |
| SE | | .6 | | | | | | | | | | .6 | 4.0 |
| SSE | | | 1.9 | | | | | | | | | 1.9 | 7.3 |
| S | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 6.2 |
| SSW | 1.3 | 2.6 | | | | | | | | | | 3.9 | 4.5 |
| SW | .6 | 3.2 | | | | | | | | | | 3.9 | 4.3 |
| WSW | .6 | 6.5 | 1.9 | | | | | | | | | 9.0 | 4.9 |
| W | 5.2 | 10.3 | 3.9 | 1.3 | | | | | | | | 20.6 | 5.5 |
| WNW | 2.6 | 3.2 | 2.6 | | | | | | | | | 8.4 | 5.3 |
| NW | .6 | 4.5 | 2.6 | | | | | | | | | 7.7 | 6.0 |
| NNW | 1.9 | 7.7 | 2.6 | | | | | | | | | 12.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 21.9 | 54.2 | 19.4 | 1.3 | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 13.5 | 4.5 | | | | | | | | | 20.0 | 5.5 |
| NNE | 1.3 | 1.3 | 1.3 | | | | | | | | | 3.9 | 5.0 |
| NE | .6 | 1.3 | | | | | | | | | | 1.9 | 4.7 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | .6 | .6 | | | | | | | | 1.3 | 10.5 |
| SE | | .6 | | | .6 | | | | | | | 1.3 | 11.0 |
| SSE | | .6 | 1.3 | | | | | | | | | 1.9 | 7.0 |
| S | | | .6 | | | | | | | | | .6 | 8.0 |
| SSW | | 2.6 | | | | | | | | | | 2.6 | 4.3 |
| SW | .6 | 1.9 | .6 | 1.3 | | | | | | | | 4.5 | 7.3 |
| WSW | .6 | 1.9 | 1.3 | | .6 | | | | | | | 4.5 | 7.3 |
| W | 1.9 | 4.5 | 3.9 | 4.5 | | | | | | | | 14.8 | 8.0 |
| WNW | 1.3 | 5.2 | 2.6 | 1.9 | | | | | | | | 11.0 | 6.8 |
| NW | .6 | 6.5 | 5.8 | .6 | | | | | | | | 13.5 | 6.5 |
| NNW | .6 | 6.5 | 5.2 | 1.3 | | | | | | | | 13.5 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 9.7 | 46.5 | 27.7 | 10.3 | 1.3 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION
03102

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUL
MONTH

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 3.9 | .6 | 1.3 | | | | | | | | 9.7 | 5.1 |
| NNE | 2.6 | 3.9 | .6 | | | | | | | | | 7.1 | 3.9 |
| NE | .6 | 2.6 | .6 | | | | | | | | | 3.9 | 5.3 |
| ENE | 2.6 | .6 | | | | | | | | | | 3.2 | 3.0 |
| E | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| ESE | | | | .6 | | | | | | | | .6 | 12.0 |
| SE | | | | | | | | | | | | | |
| SSE | | | | 1.3 | | | | | | | | 1.3 | 14.0 |
| S | 1.3 | .6 | 3.2 | 1.9 | | | | | | | | 7.1 | 8.3 |
| SSW | | .6 | .6 | .6 | | | | | | | | 1.9 | 9.3 |
| SW | | .6 | | | | | | | | | | .6 | 4.0 |
| WSW | 2.6 | 1.3 | 1.9 | 1.9 | | | | | | | | 7.7 | 6.9 |
| W | 3.9 | 3.2 | 12.9 | 2.6 | | | | | | | | 22.6 | 7.5 |
| WNW | 1.9 | 3.2 | 7.1 | .6 | | | | | | | | 12.9 | 6.9 |
| NW | .6 | 3.9 | 4.5 | 1.9 | | | | | | | | 11.0 | 7.4 |
| NNW | .6 | 2.6 | 1.9 | .6 | | | | | | | | 5.8 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 21.9 | 27.1 | 34.2 | 13.5 | | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 2.6 | 1.9 | .6 | | | | | | | | 7.1 | 5.0 |
| NNE | 1.9 | | .6 | | | | | | | | | 2.6 | 4.0 |
| NE | 1.3 | .6 | | | | | | | | | | 1.9 | 3.0 |
| ENE | | .6 | 1.3 | | | | | | | | | 1.9 | 6.7 |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | .6 | | | | | | | | | | .6 | 4.0 |
| S | 1.3 | 3.2 | 1.3 | | | | | | | | | 5.8 | 4.9 |
| SSW | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| SW | 1.3 | 1.9 | .6 | | | | | | | | | 3.9 | 4.0 |
| WSW | 1.9 | 4.5 | 1.9 | | | | | | | | | 8.4 | 4.5 |
| W | 5.2 | 9.7 | 5.2 | | | | | | | | | 20.1 | 5.2 |
| WNW | 1.3 | 11.7 | 3.2 | | | | | | | | | 16.2 | 5.3 |
| NW | 3.2 | 4.5 | 3.2 | | | | | | | | | 11.0 | 4.9 |
| NNW | 3.2 | 1.9 | .6 | | | | | | | | | 5.8 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.0 | |
| | 24.0 | 42.2 | 20.1 | .6 | | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 6.1 | 1.9 | .3 | | | | | | | | 11.4 | 5.0 |
| NNE | 1.3 | 2.4 | .6 | | | | | | | | | 4.3 | 4.6 |
| NE | .6 | 1.3 | .1 | | | | | | | | | 2.0 | 4.5 |
| ENE | 1.0 | .4 | .2 | | | | | | | | | 1.6 | 3.8 |
| E | .4 | .3 | | | | | | | | | | .8 | 3.1 |
| ESE | | | .1 | .2 | | | | | | | | .3 | 11.0 |
| SE | .6 | .4 | | | .1 | | | | | | | 1.2 | 4.4 |
| SSE | .9 | .6 | .5 | .3 | | | | | | | | 2.4 | 5.5 |
| S | 3.0 | 2.0 | 1.2 | .4 | | | | | | | | 6.7 | 4.7 |
| SSW | 1.1 | 1.3 | .2 | .1 | | | | | | | | 2.7 | 4.5 |
| SW | 1.2 | 1.9 | .4 | .2 | | | | | | | | 3.8 | 4.7 |
| WSW | 2.5 | 2.8 | 1.2 | .3 | .1 | | | | | | | 6.9 | 4.9 |
| W | 4.9 | 6.2 | 4.4 | 1.4 | | | | | | | | 17.0 | 5.8 |
| WNW | 2.8 | 5.9 | 2.8 | .4 | | | | | | | | 11.9 | 5.4 |
| NW | 1.7 | 4.0 | 2.9 | .4 | | | | | | | | 9.0 | 5.8 |
| NNW | 1.7 | 3.9 | 2.0 | .3 | | | | | | | | 8.0 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.1 | |
| | 26.8 | 39.7 | 16.7 | 4.5 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

930

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

YEARS

73

AUG
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | 33.3 | | | | | | | | | | | 33.3 | 2.0 |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | 33.3 | | | | | | | | | | | 33.3 | 2.0 |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.3 | |
| | 66.7 | | | | | | | | | | | 100.0 | 1.3 |

TOTAL NUMBER OF OBSERVATIONS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73

YEARS

AUG
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | 33.3 | | | | | | | | | | | 33.3 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 66.7 | |
| | 33.3 | | | | | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | .6 | .6 | | | | | | | | | 1.3 | 5.5 |
| NNE | | 1.9 | | | | | | | | | | 1.9 | 5.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 4.5 |
| SE | 3.2 | .6 | | | | | | | | | | 3.9 | 2.8 |
| SSE | 8.4 | 4.5 | | | | | | | | | | 12.9 | 3.3 |
| S | 20.6 | 10.3 | | | | | | | | | | 31.0 | 3.1 |
| SSW | 2.6 | 1.9 | | | | | | | | | | 4.5 | 3.3 |
| SW | 2.6 | .6 | .6 | | | | | | | | | 3.9 | 3.5 |
| WSW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.8 |
| W | 2.6 | .6 | 1.3 | | | | | | | | | 4.5 | 4.3 |
| WNW | 1.3 | 1.9 | .6 | | | | | | | | | 3.9 | 4.7 |
| NW | | 1.3 | | | | | | | | | | 1.3 | 4.0 |
| NNW | .6 | 1.3 | | | | | | | | | | 1.9 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.2 | |
| | 43.9 | 27.7 | 3.2 | | | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 3.9 | | .6 | | | | | | | | 7.7 | 4.3 |
| NNE | 3.9 | 1.3 | 1.3 | .6 | | | | | | | | 7.1 | 4.6 |
| NE | .6 | 1.3 | | | | | | | | | | 1.9 | 3.7 |
| ENE | | 1.9 | 1.3 | | | | | | | | | 3.2 | 5.6 |
| E | 1.9 | .6 | | | | | | | | | | 2.6 | 2.3 |
| ESE | .6 | | | | | | | | | | | .6 | 2.0 |
| SE | .6 | | | | | | | | | | | .6 | 2.0 |
| SSE | 1.9 | 1.3 | 1.3 | | | | | | | | | 4.5 | 4.6 |
| S | 3.2 | 1.9 | .6 | | | | | | | | | 5.8 | 3.2 |
| SSW | .6 | 1.9 | | | | | | | | | | 2.6 | 4.0 |
| SW | 1.9 | 1.9 | | | | | | | | | | 3.9 | 3.0 |
| WSW | 1.3 | 3.2 | 1.3 | | | | | | | | | 5.8 | 5.2 |
| W | 5.2 | 7.1 | 1.9 | | | | | | | | | 14.2 | 4.2 |
| WNW | 1.3 | 4.5 | .6 | | | | | | | | | 6.5 | 4.3 |
| NW | 1.9 | 6.5 | | | | | | | | | | 8.4 | 4.2 |
| NNW | 3.2 | 5.8 | | .6 | | | | | | | | 9.7 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.8 | |
| | 31.6 | 43.2 | 8.4 | 1.9 | | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMO5

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 5.8 | | | | | | | | | | 9.7 | 3.7 |
| NNE | 1.3 | 4.5 | .6 | | | | | | | | | 6.5 | 4.8 |
| NE | 1.9 | 2.6 | 1.3 | | | | | | | | | 5.8 | 4.8 |
| ENE | | 1.3 | .6 | | | | | | | | | 1.9 | 6.0 |
| E | .6 | | | | | | | | | | | .6 | 1.0 |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| SE | .6 | 1.9 | | | | | | | | | | 2.6 | 4.3 |
| SSE | .6 | | | | | | | | | | | .6 | 3.0 |
| S | 1.9 | 3.9 | 1.3 | .6 | | | | | | | | 7.7 | 5.8 |
| SSW | 1.3 | 2.6 | .6 | | | | | | | | | 4.5 | 4.1 |
| SW | 3.2 | 1.9 | .6 | | | | | | | | | 5.8 | 3.7 |
| WSW | 1.3 | 2.6 | | .6 | | | | | | | | 4.5 | 5.7 |
| W | 1.3 | 4.5 | 2.6 | .6 | | | | | | | | 9.0 | 6.2 |
| WNW | 3.9 | 2.6 | 3.9 | | | | | | | | | 10.3 | 5.3 |
| NW | 1.9 | 4.5 | 1.9 | | | | | | | | | 8.4 | 5.2 |
| NNW | 2.6 | 9.7 | 3.2 | .6 | | | | | | | | 16.1 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 27.1 | 49.0 | 16.8 | 2.6 | | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.9 | 5.8 | 5.3 | .6 | | | | | | | | 14.2 | 6.4 |
| NNE | 1.3 | 3.2 | 3.2 | | | | | | | | | 7.7 | 5.6 |
| NE | .6 | 3.2 | .6 | | | | | | | | | 4.5 | 4.9 |
| ENE | .6 | 1.3 | 1.3 | | | | | | | | | 3.2 | 5.8 |
| E | 1.3 | .6 | | | | | | | | | | 1.9 | 2.7 |
| ESE | | | | | | | | | | | | | |
| SE | | .6 | | | | | | | | | | .6 | 4.0 |
| SSE | | .6 | | | | | | | | | | .6 | 4.0 |
| S | | 1.3 | | .6 | | | | | | | | 1.9 | 8.7 |
| SSW | | .6 | .6 | | | | | | | | | 1.3 | 7.5 |
| SW | | .6 | .6 | .6 | 1.3 | | | | | | | 3.2 | 12.8 |
| WSW | 1.3 | 2.6 | | .6 | | | | | | | | 4.5 | 5.7 |
| W | 2.6 | 2.6 | 3.9 | 7.7 | | | | | | | | 16.8 | 9.4 |
| WNW | 2.6 | 3.9 | 1.3 | 2.6 | | | | | | | | 10.3 | 6.8 |
| NW | 1.9 | 5.8 | 1.9 | .6 | | | | | | | | 10.3 | 5.4 |
| NNW | 1.3 | 9.0 | 2.6 | 1.3 | | | | | | | | 14.2 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 15.5 | 41.9 | 21.9 | 14.8 | 1.3 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

71-77

YEARS

AUG
MONTH

19
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.8 | 3.2 | 1.3 | 1.3 | .6 | | | | | | | 12.3 | 5.6 |
| NNE | .6 | 4.5 | | | | | | | | | | 5.2 | 3.9 |
| NE | 1.3 | 5.8 | | | | | | | | | | 7.1 | 4.0 |
| ENE | 3.9 | 5.2 | | | | | | | | | | 9.0 | 3.2 |
| E | .6 | .6 | 1.3 | | | | | | | | | 2.6 | 6.5 |
| ESE | | | | | | | | | | | | | |
| SE | | .6 | | | | | | | | | | .6 | 6.0 |
| SSE | | | .6 | .6 | | | | | | | | 1.3 | 9.0 |
| S | | 1.3 | .6 | 1.3 | | | | | | | | 3.2 | 9.2 |
| SSW | | 1.9 | | | | | | | | | | 1.9 | 4.7 |
| SW | | .6 | | | | | | | | | | .6 | 5.0 |
| WSW | | 1.9 | .6 | 1.3 | | | | | | | | 3.9 | 7.5 |
| W | | 3.9 | 9.7 | 2.6 | | | | | | | | 16.1 | 8.5 |
| WNW | 2.6 | 4.5 | 8.4 | .6 | | | | | | | | 16.1 | 7.0 |
| NW | .6 | 3.9 | 3.9 | | | | | | | | | 8.4 | 6.4 |
| NNW | .6 | 3.9 | 1.3 | | | | | | | | | 5.8 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 16.1 | 41.9 | 27.7 | 7.7 | .6 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

8800

TOTAL NUMBER OF OBSERVATIONS

155

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 1.9 | 1.3 | | | | | | | | | 7.1 | 4.1 |
| NNE | | 1.3 | | .6 | | | | | | | | 1.9 | 7.7 |
| NE | | .6 | .6 | | | | | | | | | 1.3 | 7.0 |
| ENE | | .6 | | | | | | | | | | .6 | 4.0 |
| E | | | | | | | | | | | | | |
| ESE | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| SE | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| SSE | | 1.3 | 1.3 | | | | | | | | | 2.6 | 7.0 |
| S | .6 | 1.3 | .6 | .6 | | | | | | | | 3.2 | 6.8 |
| SSW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.0 |
| SW | 1.3 | 1.3 | .6 | | | | | | | | | 3.2 | 3.6 |
| WSW | 2.6 | | | | | | | | | | | 2.6 | 2.3 |
| W | 3.9 | 11.0 | 3.9 | .6 | | | | | | | | 19.4 | 5.4 |
| WNW | 4.5 | 7.7 | 3.9 | .6 | | | | | | | | 16.8 | 5.5 |
| NW | 3.2 | 12.9 | .6 | | | | | | | | | 16.8 | 4.5 |
| NNW | | 2.6 | .6 | | | | | | | | | 3.2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 21.9 | 45.8 | 13.5 | 1.9 | .6 | | | | | | | 100.0 | 4.2 |

DIRNAVOCEA1 MET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.1 | 3.5 | 1.5 | .4 | .1 | | | | | | | 8.7 | 5.1 |
| NNE | 1.2 | 2.8 | .9 | .2 | | | | | | | | 5.0 | 5.0 |
| NE | .7 | 2.2 | .4 | | | | | | | | | 3.4 | 4.6 |
| ENE | .7 | 1.7 | .5 | | | | | | | | | 3.0 | 4.4 |
| E | .7 | .3 | .2 | | | | | | | | | 1.3 | 3.7 |
| ESE | .3 | .4 | | | | | | | | | | .7 | 4.1 |
| SE | 1.0 | .7 | | | | | | | | | | 1.7 | 3.4 |
| SSE | 1.8 | 1.3 | .5 | .1 | | | | | | | | 3.7 | 4.3 |
| S | 4.5 | 3.3 | .5 | .5 | | | | | | | | 8.9 | 4.3 |
| SSW | 1.0 | 1.7 | .2 | | | | | | | | | 2.9 | 4.0 |
| SW | 1.5 | 1.2 | .4 | .1 | .2 | | | | | | | 3.4 | 5.0 |
| WSW | 1.4 | 1.9 | .3 | .4 | | | | | | | | 4.1 | 5.2 |
| W | 2.6 | 4.9 | 3.8 | 1.8 | .1 | | | | | | | 13.2 | 6.7 |
| WNW | 2.7 | 4.2 | 3.1 | .6 | | | | | | | | 10.6 | 5.8 |
| NW | 1.6 | 5.8 | 1.4 | .1 | | | | | | | | 8.9 | 5.0 |
| NNW | 1.4 | 5.3 | 1.3 | .4 | | | | | | | | 8.4 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.1 | |
| | 26.2 | 41.3 | 15.2 | 4.8 | .4 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

936

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73

YEARS

SEP
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | 50.0 | | | | | | | | | | | 50.0 | 2.0 |
| SSE | | | | | | | | | | | | | |
| S | 50.0 | | | | | | | | | | | 50.0 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | .0 | |
| CALM | | | | | | | | | | | | 100.0 | 2.0 |
| | 100.0 | | | | | | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS

2

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA

STATION NAME

73-75,77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | .8 | | 1.7 | | | | | | | | 2.5 | 9.3 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | .8 | .8 | | | | | | | | | | 1.7 | 3.0 |
| SSE | 15.0 | 3.3 | .8 | | | | | | | | | 19.2 | 3.0 |
| S | 17.5 | 2.5 | .8 | | | | | | | | | 20.8 | 2.6 |
| SSW | 5.8 | 1.7 | | | | | | | | | | 7.5 | 2.9 |
| SW | 4.2 | .8 | | | | | | | | | | 5.0 | 2.3 |
| WSW | 4.2 | | | | | | | | | | | 4.2 | 1.6 |
| W | 4.2 | | | | | | | | | | | 4.2 | 1.8 |
| WNW | .8 | .8 | | | | | | | | | | .8 | 4.0 |
| NW | 1.7 | 1.7 | | | | | | | | | | 2.5 | 4.0 |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.7 | |
| | 52.5 | 12.5 | 1.7 | 1.7 | | | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

YEARS

73-75, 77

SEP
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.2 | 5.8 | 2.5 | .8 | | | | | | | | 13.3 | 4.7 |
| NNE | .8 | 2.5 | .8 | | | | | | | | | 4.2 | 5.0 |
| NE | .8 | .8 | | | | | | | | | | 1.7 | 2.5 |
| ENE | .8 | | | | | | | | | | | .8 | 3.0 |
| E | 1.7 | | | | | | | | | | | 1.7 | 2.0 |
| ESE | | 1.7 | .8 | | | | | | | | | 2.5 | 5.0 |
| SE | .8 | .8 | | | | | | | | | | 1.7 | 4.0 |
| SSE | .8 | | | | | | | | | | | .8 | 3.0 |
| S | 2.5 | .8 | 1.7 | | | | | | | | | 5.0 | 3.8 |
| SSW | 1.7 | | | | | | | | | | | 1.7 | 1.0 |
| SW | 1.7 | 3.3 | | | | | | | | | | 5.0 | 3.2 |
| WSW | 3.3 | | | | | | | | | | | 3.3 | 2.5 |
| W | 5.6 | 5.0 | .8 | | | | | | | | | 11.7 | 3.4 |
| WNW | 1.7 | .8 | .8 | | | | | | | | | 3.3 | 4.3 |
| NW | 2.5 | 1.7 | | | | | | | | | | 4.2 | 3.4 |
| NNW | 3.3 | 5.8 | 2.5 | | | | | | | | | 11.7 | 4.7 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.5 | |
| | 32.5 | 29.2 | 10.0 | .8 | | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS

120

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-75,77

YEARS

SEP

MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 9.2 | 6.7 | 1.7 | .8 | | | | | | | | 18.3 | 4.5 |
| NNE | .8 | 2.5 | 3.3 | | | | | | | | | 6.7 | 6.9 |
| NE | .8 | 5.0 | | | | | | | | | | 5.8 | 4.3 |
| ENE | .8 | .8 | | | | | | | | | | 1.7 | 2.5 |
| E | | 1.7 | | | | | | | | | | 1.7 | 4.0 |
| ESE | .8 | 2.5 | | | | | | | | | | 3.3 | 3.8 |
| SE | | .8 | | | | | | | | | | .8 | 4.0 |
| SSE | 2.5 | 1.7 | .8 | | | | | | | | | 5.0 | 4.0 |
| S | 3.3 | .8 | | | | | | | | | | 4.2 | 3.2 |
| SSW | .8 | | | | | | | | | | | .8 | 2.0 |
| SW | 3.3 | 2.5 | | | | | | | | | | 5.8 | 3.4 |
| WSW | | .8 | .8 | | | | | | | | | 1.7 | 5.5 |
| W | 4.2 | 3.3 | | .8 | | | | | | | | 8.3 | 4.5 |
| WNW | .8 | 2.5 | .8 | | | | | | | | | 4.2 | 5.2 |
| NW | 5.0 | 4.2 | 1.7 | | | | | | | | | 10.8 | 4.2 |
| NNW | .8 | 5.8 | 3.3 | .8 | | | | | | | | 10.8 | 6.5 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 33.3 | 41.7 | 12.5 | 1.7 | .8 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-75, 77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 14.2 | 6.7 | 2.5 | .8 | | | | | | | 26.7 | 6.4 |
| NNE | 2.5 | 9.2 | 5.0 | .8 | | | | | | | | 17.5 | 6.2 |
| NE | 1.7 | 9.2 | .8 | .8 | | | | | | | | 12.5 | 5.7 |
| ENE | .8 | | | | | | | | | | | .8 | 2.0 |
| E | | | | | | | | | | | | | |
| ESE | | .8 | | | | | | | | | | .8 | 6.0 |
| SE | | .8 | | | | | | | | | | .8 | 5.0 |
| SSE | | | | | | | | | | | | | |
| S | | 2.5 | .8 | | | | | | | | | 3.3 | 5.5 |
| SSW | | | | | | | | | | | | | |
| SW | .8 | .8 | | | | | | | | | | 1.7 | 3.5 |
| WSW | .8 | 2.5 | | | | | | | | | | 3.3 | 3.8 |
| W | | 3.3 | 2.5 | 1.7 | | | | | | | | 7.5 | 7.7 |
| WNW | .8 | 2.5 | .8 | 1.7 | | | | | | | | 5.8 | 7.1 |
| NW | | 1.7 | 5.0 | .8 | | | | | | | | 7.5 | 8.0 |
| NNW | .8 | 4.2 | 3.3 | | | | | | | | | 8.3 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 10.8 | 51.7 | 25.0 | 8.3 | .8 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-75, 77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 8.3 | 6.7 | 1.7 | | .8 | | | | | | | 17.5 | 4.6 |
| NNE | 9.2 | 5.8 | 1.7 | | | | | | | | | 16.7 | 3.7 |
| NE | 7.5 | 3.3 | | | | | | | | | | 10.6 | 2.9 |
| ENE | 2.5 | .8 | | | | | | | | | | 3.3 | 3.0 |
| E | | 1.7 | .6 | | | | | | | | | 2.5 | 6.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | .8 | | | | | | | | | .8 | 8.0 |
| SSE | .8 | | | | | | | | | | | .8 | 2.0 |
| S | | | | | | | | | | | | | |
| SSW | | | .8 | | | | | | | | | .8 | 10.0 |
| SW | .8 | .8 | | | | | | | | | | .8 | 4.0 |
| WSW | | | | | | | | | | | | 1.7 | 3.5 |
| W | 2.5 | 3.3 | 5.8 | 1.7 | | | | | | | | 13.3 | 7.0 |
| WNW | 3.3 | 2.5 | .8 | | | | | | | | | 6.7 | 3.9 |
| NW | 2.5 | 3.3 | .8 | | | | | | | | | 6.7 | 4.9 |
| NNW | .8 | 2.5 | .8 | .8 | | | | | | | | 5.0 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.5 | |
| | 38.3 | 31.7 | 14.2 | 2.5 | .8 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

YEARS

73-75, 77

SEP
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 3.3 | .8 | .8 | | | | | | | | 5.0 | 4.8 |
| NNE | .8 | .8 | .8 | .8 | | | | | | | | 3.3 | 6.8 |
| NE | .8 | | | | | | | | | | | .8 | 3.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | .8 | | | .8 | | | | | | | | 1.7 | 6.5 |
| SE | | | | | | | | | | | | | |
| SSE | 1.7 | .8 | | | | | | | | | | 2.5 | 3.7 |
| S | .8 | 1.7 | 1.7 | | | | | | | | | 4.2 | 6.2 |
| SSW | .8 | | | | | | | | | | | .8 | 2.0 |
| SW | 5.8 | .8 | .8 | | | | | | | | | 7.5 | 2.8 |
| WSW | 2.5 | | | | | | | | | | | 2.5 | 2.7 |
| W | 7.5 | 8.3 | .8 | .8 | | | | | | | | 16.7 | 3.9 |
| WNW | 4.2 | 5.0 | 2.5 | | | | | | | | | 11.7 | 4.1 |
| NW | 2.5 | .8 | 1.7 | | | | | | | | | 5.0 | 4.5 |
| NNW | 5.0 | 2.5 | .8 | .8 | | | | | | | | 9.2 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.2 | |
| | 34.2 | 24.2 | 10.0 | 2.5 | | | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

63102
STATION

FALLON, NEVADA

STATION NAME

73-75, 77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.2 | 6.2 | 2.2 | 1.0 | .3 | | | | | | | 13.9 | 5.3 |
| NNE | 2.4 | 3.5 | 1.9 | .3 | | | | | | | | 8.0 | 5.4 |
| NE | 1.9 | 3.0 | .1 | .1 | | | | | | | | 5.3 | 4.3 |
| ENE | .8 | .3 | | | | | | | | | | 1.1 | 2.8 |
| E | .3 | .6 | .1 | | | | | | | | | 1.0 | 4.3 |
| ESE | .3 | .8 | .1 | .1 | | | | | | | | 1.4 | 4.9 |
| SE | .4 | .6 | .1 | | | | | | | | | 1.1 | 4.1 |
| SSE | 3.5 | 1.0 | .3 | | | | | | | | | 4.7 | 3.2 |
| S | 4.0 | 1.4 | .8 | | | | | | | | | 6.2 | 3.5 |
| SSW | 1.7 | .3 | .1 | | | | | | | | | 2.1 | 2.9 |
| SW | 2.6 | 1.3 | .1 | | | | | | | | | 4.3 | 3.0 |
| WSW | 1.9 | .7 | .1 | | | | | | | | | 2.8 | 3.0 |
| W | 4.0 | 3.9 | 1.7 | .6 | .1 | | | | | | | 10.2 | 4.9 |
| WNW | 1.8 | 2.4 | 1.0 | .3 | | | | | | | | 5.4 | 4.8 |
| NW | 2.2 | 2.2 | 1.5 | .1 | | | | | | | | 6.1 | 5.0 |
| NNW | 1.8 | 3.5 | 1.8 | .4 | | | | | | | | 7.5 | 5.4 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.0 | |
| | 33.8 | 31.7 | 12.2 | 2.9 | .4 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS

722

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73

YEARS

04
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | 33.3 | | | | | | | | | | | 33.3 | 1.0 |
| SSE | | | | | | | | | | | | | |
| S | 33.3 | | | | | | | | | | | 33.3 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | 33.3 | | | | | | | | | | | 33.3 | 2.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 100.0 | | | | | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .6 | | .6 | | | | | | | | | 1.3 | 6.5 |
| NNE | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| NIE | | | | | | | | | | | | | |
| ENE | .6 | | .6 | | | | | | | | | 1.3 | 5.5 |
| E | | | | | | | | | | | | | |
| ESE | .6 | .6 | | | | | | | | | | 1.3 | 3.0 |
| SE | 3.9 | .6 | | | | | | | | | | 4.5 | 2.3 |
| SSE | 8.4 | 2.6 | .6 | | | | | | | | | 11.6 | 3.0 |
| S | 5.8 | 1.3 | | | | | | | | | | 7.1 | 2.3 |
| SSW | 1.9 | | | | | | | | | | | 1.9 | 2.0 |
| SW | 3.2 | 1.3 | .6 | | | | | | | | | 5.2 | 3.8 |
| WSW | 2.6 | | | | | | | | | | | 2.6 | 2.3 |
| W | 3.2 | .6 | | .6 | | | | | | | | 4.5 | 4.3 |
| WNNW | .6 | | | | | | | | | | | .6 | 3.0 |
| NW | 1.3 | 1.9 | .6 | | | | | | | | | 3.9 | 4.2 |
| NNW | .6 | .6 | 1.3 | | | | | | | | | 2.6 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 50.3 | |
| | 34.2 | 10.3 | 4.5 | .6 | | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 3.9 | 3.2 | | | | | | | | | 9.7 | 5.1 |
| NNE | | .6 | .6 | | | | | | | | | 1.3 | 6.5 |
| NE | | | .6 | | | | | | | | | .6 | 9.0 |
| ENE | | .6 | | | | | | | | | | .6 | 4.0 |
| E | 1.3 | | | | | | | | | | | 1.3 | 3.0 |
| ESE | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.0 |
| SE | 3.2 | | | | | | | | | | | 3.2 | 1.8 |
| SSE | 3.2 | 1.3 | 1.9 | .6 | | | | | | | | 7.1 | 5.2 |
| S | 6.5 | 5.2 | 1.3 | 1.3 | | | | | | | | 14.2 | 5.0 |
| SSW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.8 |
| SW | 2.6 | 1.3 | | | | | | | | | | 3.9 | 2.8 |
| WSW | 2.6 | .6 | .6 | .6 | | | | | | | | 4.5 | 5.0 |
| W | 4.5 | 2.6 | .6 | .6 | | | | | | | | 8.4 | 3.9 |
| WNW | 3.9 | | | | | | | | | | | 3.9 | 2.3 |
| NW | .6 | | 1.9 | | | | | | | | | 2.6 | 7.5 |
| NNW | 3.2 | .6 | 1.9 | .6 | | | | | | | | 6.5 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.5 | |
| | 37.4 | 19.4 | 12.9 | 3.9 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 7.1 | 11.6 | 1.9 | .6 | | | | | | | | 21.3 | 4.5 |
| NNE | 2.6 | 4.5 | | | | | | | | | | 7.1 | 3.8 |
| NE | 2.6 | 4.5 | 2.6 | | | | | | | | | 9.7 | 4.9 |
| ENE | 3.2 | 1.3 | .6 | | | | | | | | | 5.2 | 3.4 |
| E | 2.6 | | | | | | | | | | | 2.6 | 2.8 |
| ESE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 4.0 |
| SE | | | .6 | .6 | .6 | | | | | | | 1.9 | 13.7 |
| SSE | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 5.0 |
| S | 1.9 | 2.6 | 1.9 | .6 | | | | | | | | 7.1 | 6.1 |
| SSW | 1.9 | 1.3 | 1.3 | | | | | | | | | 4.5 | 4.6 |
| SW | | 1.3 | | | | | | | | | | 1.3 | 5.0 |
| WSW | 1.3 | 1.3 | .6 | | .6 | | | | | | | 3.9 | 6.3 |
| W | 1.3 | 1.3 | 1.3 | .6 | 1.3 | | | | | | | 5.8 | 9.3 |
| WNW | 1.3 | .6 | | | | | | | | | | 1.9 | 4.0 |
| NW | 1.9 | | | .6 | | | | | | | | 2.6 | 4.3 |
| NNW | 1.3 | 3.2 | 3.9 | | | | | | | | | 8.4 | 6.3 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 31.0 | 36.1 | 15.5 | 3.2 | 2.6 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.6 | 12.3 | 7.7 | 2.6 | | | | | | | | 25.2 | 6.0 |
| NNE | 1.3 | 16.1 | 5.8 | | | | | | | | | 23.2 | 5.5 |
| NE | .6 | 7.1 | 5.2 | | | | | | | | | 12.9 | 6.3 |
| ENE | | 3.2 | | | | | | | | | | 3.2 | 5.0 |
| E | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| ESE | | .6 | | .6 | | | | | | | | 1.3 | 10.5 |
| SE | .6 | | | | | | | | | | | .6 | 3.0 |
| SSE | | 1.9 | .6 | | | | | | | | | 2.6 | 5.8 |
| S | | 1.3 | 1.3 | 1.3 | | | | | | | | 3.9 | 8.3 |
| SSW | | | | | | | | | | | | | |
| SW | | | .6 | | | | | | | | | .6 | 8.0 |
| WSW | | .6 | 1.9 | 1.3 | .6 | | | | | | | 4.5 | 11.1 |
| W | .6 | .6 | 1.9 | 2.6 | | | | | | | | 5.8 | 10.8 |
| WNW | | .6 | | | | | | | | | | .6 | 6.0 |
| NW | .6 | 2.6 | 2.6 | | | | | | | | | 5.8 | 5.9 |
| NNW | .6 | 2.6 | 1.3 | | | | | | | | | 4.5 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 8.4 | 49.7 | 29.0 | 8.4 | .6 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DCT
NORTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 14.8 | 4.5 | 2.6 | | | | | | | | | 21.9 | 3.4 |
| NNE | 3.2 | 3.9 | | | | | | | | | | 7.1 | 3.4 |
| NE | 6.5 | 1.9 | | | | | | | | | | 8.4 | 2.8 |
| ENE | 1.9 | 1.9 | | | | | | | | | | 3.9 | 3.3 |
| E | | | | | | | | | | | | | |
| ESE | | | .6 | | | | | | | | | .6 | 8.0 |
| SE | .6 | | .6 | | | | | | | | | 1.3 | 5.5 |
| SSE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.8 |
| S | .6 | 1.3 | .6 | | | | | | | | | 2.6 | 5.5 |
| SSW | | | .6 | | | | | | | | | .6 | 8.0 |
| SW | | .6 | | | | | | | | | | .6 | 4.0 |
| WSW | 1.9 | .6 | 1.3 | | | | | | | | | 3.9 | 4.3 |
| W | 3.2 | 5.8 | 1.9 | 1.9 | | | | | | | | 12.9 | 6.0 |
| WNW | 1.9 | 2.6 | .6 | | | | | | | | | 5.2 | 4.8 |
| NW | 2.6 | .6 | | | | | | | | | | 3.2 | 2.6 |
| NNW | 3.2 | 1.9 | | .6 | | | | | | | | 5.8 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.4 | |
| | 41.9 | 27.1 | 9.0 | 2.6 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | | .6 | .6 | | .6 | | | | | | 3.2 | 10.0 |
| NNE | .6 | .6 | | | | | | | | | | 1.3 | 4.0 |
| NE | 1.3 | 1.3 | | | | | | | | | | 2.6 | 2.8 |
| ENE | 1.3 | .6 | | | | | | | | | | 1.9 | 3.7 |
| E | .6 | | | | | | | | | | | .6 | 1.0 |
| ESE | .6 | | | | | | | | | | | .6 | 3.0 |
| SE | 1.9 | | | | | | | | | | | 1.9 | 2.3 |
| SSE | 4.5 | 2.6 | | | | | | | | | | 7.1 | 3.0 |
| S | 9.0 | 1.9 | 2.6 | | | | | | | | | 13.5 | 3.6 |
| SSW | 3.2 | .6 | .6 | | | | | | | | | 4.5 | 3.1 |
| SW | 4.5 | 1.3 | | | | | | | | | | 5.8 | 2.8 |
| WSW | 3.9 | 1.3 | | | | | | | | | | 5.2 | 2.9 |
| W | 4.5 | 1.9 | 1.3 | .6 | | | | | | | | 8.4 | 5.2 |
| WNW | | 1.9 | | | | | | | | | | 1.9 | 4.7 |
| NW | | 3.2 | | .6 | | | | | | | | 3.9 | 5.7 |
| NNW | 1.9 | 1.3 | | | | | | | | | | 3.2 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.2 | |
| | 39.4 | 18.7 | 5.2 | 1.9 | | .6 | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

03102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

UCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.8 | 5.4 | 2.8 | .6 | | .1 | | | | | | 13.7 | 5.0 |
| NNE | 1.4 | 4.4 | 1.1 | | | | | | | | | 6.9 | 4.8 |
| NE | 1.8 | 2.5 | 1.4 | | | | | | | | | 5.7 | 4.8 |
| ENE | 1.2 | 1.3 | .2 | | | | | | | | | 2.7 | 3.9 |
| E | 1.0 | | | | | | | | | | | 1.0 | 2.6 |
| ESE | .8 | .6 | .1 | .1 | | | | | | | | 1.6 | 4.6 |
| SE | 1.8 | .1 | .2 | .1 | .1 | | | | | | | 2.4 | 4.0 |
| SSE | 3.0 | 1.8 | .6 | .1 | | | | | | | | 5.6 | 3.9 |
| S | 4.1 | 2.3 | 1.3 | .5 | | | | | | | | 8.1 | 4.6 |
| SSW | 1.4 | .5 | .4 | | | | | | | | | 2.4 | 3.8 |
| SW | 1.8 | 1.0 | .2 | | | | | | | | | 3.0 | 3.4 |
| WSW | 2.0 | .8 | .8 | .3 | .2 | | | | | | | 4.1 | 5.5 |
| W | 2.9 | 2.1 | 1.2 | 1.2 | .2 | | | | | | | 7.6 | 6.3 |
| WNW | 1.3 | 1.0 | .1 | | | | | | | | | 2.4 | 4.0 |
| NW | 1.2 | 1.4 | .9 | .2 | | | | | | | | 3.6 | 5.1 |
| NNW | 1.8 | 1.7 | 1.4 | .2 | | | | | | | | 5.1 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.2 | |
| | 32.3 | 26.8 | 12.6 | 3.4 | .5 | .1 | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS

933

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA
STATION NAME

73
YEARS

NOV
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | 100.0 | | | | | | | | | 100.0 | 8.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | .0 | |
| CALM | | | | | | | | | | | | | |
| | | | 100.0 | | | | | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS

1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

YEARS

71-77

NOV
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | .7 | | 1.3 | | | | | | | | 2.0 | 9.7 |
| NNE | 1.3 | | .7 | | | | | | | | | 2.0 | 4.7 |
| NE | 2.0 | .7 | | | | | | | | | | 2.7 | 2.5 |
| ENE | .7 | | | | | | | | | | | .7 | 2.0 |
| E | 1.3 | | | | | | | | | | | 1.3 | 1.5 |
| ESE | 1.3 | 1.3 | | | | | | | | | | 2.7 | 3.5 |
| SE | 2.0 | | .7 | | | | | | | | | 2.7 | 4.3 |
| SSE | 2.7 | 3.4 | .7 | | | | | | | | | 6.7 | 4.0 |
| S | 4.0 | 5.4 | 1.3 | 1.3 | | | | | | | | 12.1 | 4.9 |
| SSW | 2.7 | | | | | | | | | | | 2.7 | 1.8 |
| SW | 2.0 | 2.7 | | | | | | | | | | 4.7 | 3.4 |
| WSW | 1.3 | | | .7 | | | | | | | | 2.0 | 6.0 |
| W | 3.4 | .7 | .7 | | | | | | | | | 4.7 | 3.6 |
| WNW | .7 | | .7 | | | | | | | | | 1.3 | 5.0 |
| NW | 2.0 | 2.0 | | | | | | | | | | 4.0 | 3.5 |
| NNW | 2.0 | | .7 | | | | | | | | | 2.7 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 45.0 | |
| | 29.5 | 16.8 | 5.4 | 3.4 | | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS

149

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEAR

NOV
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 1.3 | 3.3 | | | | | | | | | 7.3 | 5.6 |
| NNE | 2.7 | 1.3 | 1.3 | 1.3 | | | | | | | | 6.7 | 5.8 |
| NE | 2.0 | | | | | | | | | | | 2.0 | 1.3 |
| ENE | | 1.3 | 1.3 | | | | | | | | | 2.7 | 6.3 |
| E | 2.0 | .7 | .7 | | | | | | | | | 3.3 | 3.6 |
| ESE | .7 | | | | | | | | | | | .7 | 2.0 |
| SE | .7 | | .7 | | | | | | | | | 1.3 | 5.5 |
| SSE | 2.7 | 2.0 | 2.0 | 1.3 | .7 | | | | | | | 8.7 | 6.9 |
| S | 4.0 | 3.3 | 2.7 | 1.3 | .7 | | | | | | | 12.0 | 6.4 |
| SSW | .7 | .7 | 1.3 | | | | | | | | | 2.7 | 5.8 |
| SW | 2.0 | | | 2.0 | | | | | | | | 4.0 | 8.0 |
| WSW | 2.7 | | | | .7 | | | | | | | 3.3 | 6.0 |
| W | | 2.7 | .7 | .7 | | | | | | | | 4.0 | 7.3 |
| WNW | | .7 | | .7 | | | | | | | | 1.3 | 9.0 |
| NW | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NNW | .7 | | 1.3 | .7 | | | | | | | | 2.7 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.0 | |
| | 24.7 | 14.0 | 15.3 | 8.0 | 2.0 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

NOV
MONTH

13

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | .7 | 4.7 | .7 | | | | | | | | 9.4 | 6.9 |
| NNE | 3.4 | 4.0 | 1.3 | | | | | | | | | 8.7 | 4.4 |
| NE | 2.7 | 3.4 | .7 | | | | | | | | | 6.7 | 4.6 |
| ENE | 5.4 | 2.0 | .7 | | | | | | | | | 8.1 | 3.3 |
| E | .7 | | | | | | | | | | | .7 | 2.0 |
| ESE | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 4.8 |
| SE | .7 | | | | | .7 | | | | | | 1.3 | 12.0 |
| SSE | 2.7 | 1.3 | 1.3 | | | | | | | | | 5.4 | 4.0 |
| S | .7 | 3.4 | 3.4 | | | | | | | | | 7.4 | 5.8 |
| SSW | .7 | .7 | | 2.0 | | | | | | | | 3.4 | 9.6 |
| SW | 2.0 | | .7 | .7 | | | | | | | | 3.4 | 5.8 |
| WSW | 1.3 | .7 | .7 | 1.3 | .7 | | | | | | | 4.7 | 9.4 |
| W | .7 | 2.0 | | 2.7 | | | | | | | | 5.4 | 8.9 |
| WNW | 1.3 | | 2.0 | 1.3 | | | | | | | | 4.7 | 8.0 |
| NW | 1.3 | .7 | 1.3 | | | | | | | | | 3.4 | 5.4 |
| NNW | 3.4 | 1.3 | | 1.3 | | | | | | | | 6.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.8 | |
| | 30.9 | 21.5 | 17.4 | 10.1 | .7 | .7 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS

149

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 5.4 | 3.4 | 1.3 | | | | | | | | 12.8 | 6.3 |
| NNE | 7.4 | 12.1 | 2.0 | | | | | | | | | 21.5 | 4.3 |
| NE | 4.0 | 13.4 | 2.7 | | | | | | | | | 20.1 | 4.9 |
| ENE | 1.3 | 2.0 | 2.0 | | | | | | | | | 5.4 | 5.3 |
| E | 2.0 | | | | | | | | | | | 2.0 | 2.3 |
| ESE | .7 | | | | | | | | | | | .7 | 2.0 |
| SE | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| SSE | | .7 | .7 | .7 | | | | | | | | 2.0 | 9.0 |
| S | 1.3 | 3.4 | | | | | | | | | | 4.7 | 4.6 |
| SSW | | .7 | .7 | 1.3 | | | | | | | | 2.7 | 10.5 |
| SW | | | 1.3 | | | | | | | | | 1.3 | 9.5 |
| WSW | | | 1.3 | .7 | | | | | | | | 2.0 | 9.3 |
| W | | 2.0 | 5.4 | .7 | | | | | | | | 8.1 | 7.7 |
| WNW | .7 | | | | | | | | | | | .7 | 2.0 |
| NW | 1.3 | .7 | .7 | | | | | | | | | 2.7 | 4.3 |
| NNW | .7 | 2.0 | .7 | | | | | | | | | 3.4 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 22.8 | 43.0 | 20.8 | 4.7 | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

149

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.0 | 3.4 | 2.0 | | | | | | | | | 9.4 | 4.4 |
| NNE | 2.7 | .7 | | | | | | | | | | 3.4 | 2.4 |
| NE | 3.4 | 1.3 | | | | | | | | | | 4.7 | 2.9 |
| ENE | .7 | .7 | | | | | | | | | | 1.3 | 3.5 |
| E | 1.3 | 1.3 | | | | | | | | | | 2.7 | 3.3 |
| ESE | 1.3 | .7 | | | | | | | | | | 2.0 | 3.7 |
| SE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| SSE | .7 | .7 | 2.0 | .7 | | | | | | | | 4.0 | 7.7 |
| S | 1.3 | 2.0 | .7 | | | | | | | | | 4.0 | 4.0 |
| SSW | 2.0 | 1.3 | | .7 | | | | | | | | 4.0 | 4.3 |
| SW | .7 | | .7 | | | | | | | | | 1.3 | 6.0 |
| WSW | | 1.3 | 2.0 | | | | | | | | | 3.4 | 7.0 |
| W | 4.0 | 2.0 | 2.0 | .7 | | | | | | | | 9.7 | 5.1 |
| WNW | 1.3 | | 1.3 | | | | | | | | | 2.7 | 5.3 |
| NW | 1.3 | 2.0 | .7 | | | | | | | | | 4.0 | 5.2 |
| NNW | 3.4 | 3.4 | 1.3 | | | | | | | | | 8.1 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.9 | |
| | 29.5 | 20.8 | 12.8 | 2.0 | | | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS

149

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | .7 | 1.3 | | | | | | | | | 3.4 | 5.6 |
| NNE | 1.3 | | | | | | | | | | | 1.3 | 2.5 |
| NE | .7 | .7 | | | | | | | | | | 1.3 | 3.0 |
| ENE | .7 | | | | | | | | | | | .7 | 1.0 |
| E | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| ESE | | .7 | | | | | | | | | | .7 | 6.0 |
| SE | 1.3 | 1.3 | | | | | | | | | | 2.7 | 3.3 |
| SSE | 5.4 | 2.7 | 1.3 | .7 | | | | | | | | 10.1 | 4.0 |
| S | 8.1 | 6.0 | 1.3 | .7 | | | | | | | | 15.4 | 4.0 |
| SSW | 2.7 | | | | | | | | | | | 3.4 | 5.2 |
| SW | 3.4 | | .7 | | | | | | | | | 4.0 | 3.2 |
| WSW | | 1.3 | .7 | | | | | | | | | 2.0 | 5.7 |
| W | 2.7 | 2.0 | | .7 | | | | | | | | 5.4 | 4.6 |
| WNW | 1.3 | 1.3 | | | | | | | | | | 2.7 | 3.5 |
| NW | .7 | 2.0 | .7 | | | | | | | | | 3.4 | 5.0 |
| NNW | .7 | 2.7 | | | | | | | | | | 3.4 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 38.9 | |
| | 31.5 | 21.5 | 6.0 | 2.0 | | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 2.0 | 2.5 | .6 | | | | | | | | 7.4 | 6.0 |
| NNE | 3.1 | 3.0 | .9 | .2 | | | | | | | | 7.3 | 4.3 |
| NE | 2.5 | 3.2 | .6 | | | | | | | | | 6.2 | 4.1 |
| ENE | 1.5 | 1.0 | .7 | | | | | | | | | 3.1 | 4.2 |
| E | 1.5 | .3 | .2 | | | | | | | | | 2.0 | 3.1 |
| ESE | .8 | .7 | .1 | | | | | | | | | 1.6 | 3.9 |
| SE | 1.1 | .3 | .2 | | | .1 | | | | | | 1.8 | 4.8 |
| SSE | 2.3 | 1.8 | 1.3 | .6 | .1 | | | | | | | 6.1 | 5.4 |
| S | 3.2 | 3.9 | 1.6 | .4 | .1 | | | | | | | 9.3 | 5.0 |
| SSW | 1.5 | .6 | .3 | .8 | | | | | | | | 3.1 | 6.1 |
| SW | 1.7 | .4 | .6 | .4 | | | | | | | | 3.1 | 5.4 |
| WSW | .9 | .6 | .8 | .4 | .2 | | | | | | | 2.9 | 7.5 |
| W | 1.8 | 1.9 | 1.5 | .9 | | | | | | | | 6.0 | 6.2 |
| WNW | .9 | .3 | .7 | .3 | | | | | | | | 2.2 | 6.1 |
| NW | 1.3 | 1.2 | .6 | | | | | | | | | 3.1 | 4.5 |
| NNW | 1.8 | 1.6 | .7 | .3 | | | | | | | | 4.4 | 5.1 |
| VARBL | | | | | | | | | | | | 30.4 | |
| CALM | | | | | | | | | | | | 100.0 | 3.6 |
| | 28.1 | 22.9 | 13.1 | 5.0 | .4 | .1 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

896

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

72-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | .7 | .7 | .7 | | | | | | | | 3.4 | 6.2 |
| NNE | | .7 | | | | | | | | | | .7 | 4.0 |
| NE | 2.0 | | | .7 | | | | | | | | 2.7 | 4.8 |
| ENE | 1.3 | .7 | | | | | | | | | | 2.0 | 3.7 |
| E | 1.3 | | .7 | | | | | | | | | 2.0 | 3.3 |
| ESE | .7 | | | | | | | | | | | .7 | 3.0 |
| SE | 3.4 | 2.0 | | | | | | | | | | 3.4 | 2.9 |
| SSE | 4.0 | 2.7 | .7 | | | | | | | | | 7.4 | 3.8 |
| S | 5.4 | 3.4 | 2.0 | | | | | | | | | 10.7 | 4.6 |
| SSW | .7 | 1.3 | .7 | | | | | | | | | 2.7 | 4.5 |
| SW | .7 | | .7 | | | | | | | | | 1.3 | 5.5 |
| WSW | 1.3 | .7 | | | | | | | | | | 2.0 | 3.0 |
| W | 2.0 | .7 | 1.3 | .7 | | | | | | | | 4.7 | 5.9 |
| WNW | .7 | | | | | | | | | | | .7 | 2.0 |
| NW | .7 | | | | | | | | | | | .7 | 2.0 |
| NNW | 1.3 | .7 | | | | | | | | | | 2.0 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 51.0 | |
| | 26.8 | 13.4 | 6.7 | 2.0 | | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .7 | 1.3 | 2.0 | .7 | | | | | | | | 4.6 | 7.4 |
| NNE | 3.3 | .7 | 1.3 | | | | | | | | | 5.2 | 4.1 |
| NE | 1.3 | .7 | | | | | | | | | | 2.0 | 3.0 |
| ENE | .7 | .7 | | | | | | | | | | .7 | 6.0 |
| E | .7 | 1.3 | | | | | | | | | | 2.0 | 3.0 |
| ESE | 1.3 | 2.0 | | | | | | | | | | 3.3 | 3.2 |
| SE | 2.6 | 1.3 | .7 | .7 | | | | | | | | 5.2 | 4.5 |
| SSE | 3.9 | 2.0 | 1.3 | .7 | | | | | | | | 7.8 | 4.5 |
| S | 6.5 | 3.9 | 3.3 | 1.3 | | .7 | | | | | | 15.0 | 5.3 |
| SSW | 2.0 | .7 | | | .7 | | | | | | | 3.3 | 7.4 |
| SW | 2.0 | .7 | | .7 | | | | | | | | 3.9 | 7.0 |
| WSW | 2.0 | .7 | | | | | | | | | | 2.6 | 3.0 |
| W | 2.0 | | .7 | | | | | | | | | 2.6 | 4.3 |
| WNW | | .7 | .7 | | | | | | | | | 1.3 | 7.0 |
| NW | 2.0 | 1.3 | .7 | | | | | | | | | 3.9 | 4.0 |
| NNW | .7 | .7 | .7 | | | | .7 | | | | | 2.6 | 10.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.0 | |
| | 30.7 | 18.3 | 11.1 | 3.9 | .7 | .7 | .7 | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS

153

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC
MONTH

13

HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 3.9 | 3.3 | .7 | .7 | | | | | | | 9.2 | 6.6 |
| NNE | 6.5 | 4.6 | | .7 | | | | | | | | 11.8 | 3.9 |
| NE | 3.3 | 2.6 | | | | | | | | | | 5.9 | 3.1 |
| ENE | 3.9 | 1.3 | | | | | | | | | | 5.2 | 2.5 |
| E | 2.0 | 1.3 | | | | | | | | | | 3.3 | 3.0 |
| ESE | 1.3 | | .7 | .7 | | | | | | | | 2.6 | 7.3 |
| SE | 2.6 | 2.0 | | | | | | | | | | 4.6 | 3.1 |
| SSE | 2.0 | 5.2 | 2.6 | 1.3 | | | | | | | | 11.1 | 6.2 |
| S | 2.6 | 3.3 | | | | | | | | | | 5.9 | 4.1 |
| SSW | | | .7 | | | | | | | | | .7 | 10.0 |
| SW | 1.3 | | | 1.3 | .7 | | | | | | | 3.3 | 10.2 |
| WSW | .7 | 2.6 | | .7 | 1.3 | | | | | | | 5.2 | 9.9 |
| W | | 2.0 | | | | | | | | | | 2.0 | 5.0 |
| WNW | | .7 | | | | | | | | | | .7 | 5.0 |
| NW | | .7 | .7 | | | | | | | | | 1.3 | 6.0 |
| NNW | 1.3 | 2.0 | .7 | .7 | .7 | | | | | | | 5.2 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.2 | |
| | 28.8 | 32.0 | 6.5 | 5.2 | 3.3 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS

153

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER

CLASS

16
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 8.5 | 7.2 | 2.0 | 1.3 | | | | | | | | 19.0 | 4.5 |
| NNE | 3.9 | 11.8 | 1.3 | | | | | | | | | 17.0 | 4.7 |
| NE | 7.2 | 7.8 | | | | | | | | | | 15.0 | 4.0 |
| ENE | 2.0 | 2.0 | .7 | | | | | | | | | 5.2 | 4.3 |
| E | | .7 | | .7 | | | | | | | | 1.3 | 8.0 |
| ESE | .7 | .7 | .7 | | | | | | | | | 2.0 | 4.3 |
| SE | 3.3 | 1.3 | | .7 | | | | | | | | 5.2 | 4.8 |
| SSE | .7 | 2.0 | .7 | | | | | | | | | 3.3 | 4.8 |
| S | 1.3 | .7 | | | | | | | | | | 2.0 | 3.3 |
| SSW | .7 | | 1.3 | 1.3 | | | | | | | | 3.3 | 9.2 |
| SW | | | | | | | | | | | | | |
| WSW | .7 | .7 | .7 | .7 | | | | | | | | 2.6 | 6.8 |
| W | | | 2.0 | 2.0 | | | | | | | | 3.9 | 11.0 |
| WNW | | 2.0 | .7 | .7 | | | | | | | | 3.3 | 7.2 |
| NW | .7 | 1.3 | .7 | | | | | | | | | 2.6 | 4.5 |
| NNW | .7 | | | | | | | | | | | .7 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 30.1 | 38.6 | 10.5 | 7.2 | | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS

153

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03102

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.8 | 2.1 | | | | | | | | | | 6.8 | 3.0 |
| NNE | 6.2 | .7 | | .7 | | | | | | | | 7.5 | 3.2 |
| NE | 2.7 | 2.1 | .7 | | | | | | | | | 5.5 | 3.5 |
| ENE | 2.7 | 1.4 | | | | | | | | | | 4.1 | 3.0 |
| E | 1.4 | 1.4 | .7 | | | | | | | | | 3.4 | 5.0 |
| ESE | .7 | | | | | | | | | | | .7 | 2.0 |
| SE | 1.4 | 2.1 | | | | | | | | | | 3.4 | 3.8 |
| SSE | .7 | 4.1 | | .7 | | | | | | | | 5.5 | 6.0 |
| S | 2.1 | 2.1 | | | | | | | | | | 4.1 | 3.7 |
| SSW | 2.7 | | | | | | | | | | | 2.7 | 2.5 |
| SW | | | | .7 | | | | | | | | .7 | 14.0 |
| WSW | 1.4 | | .7 | .7 | | | | | | | | 2.7 | 5.8 |
| W | 4.1 | 2.7 | | | | | | | | | | 6.8 | 3.3 |
| WNW | 2.7 | 1.4 | 1.4 | | | | | | | | | 5.5 | 4.6 |
| NW | 3.4 | .7 | .7 | | | | | | | | | 4.8 | 3.4 |
| NNW | 2.1 | 3.4 | | | | | | | | | | 5.5 | 3.8 |
| VARB | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.1 | |
| | 39.0 | 24.0 | 4.1 | 2.7 | | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS

146

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | | .7 | .7 | | | | | | | | 2.8 | 5.8 |
| NNE | 1.4 | .7 | | | | | | | | | | 2.1 | 3.3 |
| NE | 1.4 | .7 | | | | | | | | | | 2.1 | 3.3 |
| ENE | | | | | | | | | | | | | |
| E | .7 | .7 | | | | | | | | | | 1.4 | 3.5 |
| ESE | 2.8 | 1.4 | | | | | | | | | | 4.2 | 2.7 |
| SE | .7 | .7 | | | | | | | | | | 1.4 | 3.0 |
| SSE | 3.5 | 5.6 | 2.1 | .7 | | | | | | | | 12.0 | 4.9 |
| S | 9.2 | 2.1 | .7 | .7 | | | | | | | | 12.7 | 3.6 |
| SSW | 4.2 | | | | | | | | | | | 4.2 | 2.2 |
| SW | 2.1 | .7 | | .7 | | | | | | | | 3.5 | 5.0 |
| WSW | 4.9 | .7 | | .7 | | | | | | | | 6.3 | 3.8 |
| W | 2.1 | 1.4 | .7 | | | | | | | | | 4.2 | 3.8 |
| WNW | 1.4 | | | | | | | | | | | 1.4 | 1.0 |
| NW | | | 1.4 | | | | | | | | | 1.4 | 7.0 |
| NNW | .7 | | | | | | | | | | | .7 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.4 | |
| | 36.6 | 14.8 | 5.6 | 3.5 | | | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS

142

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.0 | 2.6 | 1.5 | .6 | .1 | | | | | | | 7.7 | 5.2 |
| NNE | 3.6 | 3.2 | .4 | .2 | | | | | | | | 7.5 | 4.1 |
| NE | 3.0 | 2.3 | .1 | .1 | | | | | | | | 5.6 | 3.7 |
| ENE | 1.7 | 1.1 | .1 | | | | | | | | | 2.9 | 3.4 |
| E | 1.0 | .9 | .2 | .1 | | | | | | | | 2.2 | 4.1 |
| ESE | 1.2 | .7 | .2 | .1 | | | | | | | | 2.2 | 4.0 |
| SE | 2.3 | 1.6 | .1 | .2 | | | | | | | | 4.2 | 3.8 |
| SSE | 2.5 | 3.6 | 1.2 | .6 | | | | | | | | 7.8 | 5.1 |
| S | 4.5 | 2.6 | 1.0 | .3 | | | | | | | | 8.4 | 4.4 |
| SSW | 1.7 | .3 | .4 | .2 | | .1 | | | | | | 2.8 | 5.4 |
| SW | 1.0 | .2 | .1 | .6 | .2 | | | | | | | 2.1 | 7.5 |
| WSW | 1.8 | .9 | .2 | .4 | .2 | | | | | | | 3.6 | 5.8 |
| W | 1.7 | 1.1 | .8 | .4 | | | | | | | | 4.0 | 5.4 |
| WNW | .8 | .8 | .4 | .1 | | | | | | | | 2.1 | 5.1 |
| NW | 1.1 | .7 | .7 | | | | | | | | | 2.5 | 4.3 |
| NNW | 1.1 | 1.1 | .2 | .1 | .1 | | .1 | | | | | 2.8 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.6 | |
| | 31.9 | 23.7 | 7.8 | 4.1 | .7 | .1 | .1 | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS

896

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

77-77

YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 4.0 | 2.2 | .9 | .2 | .0 | | | | | | 10.0 | 6.0 |
| NNE | 1.9 | 3.0 | 1.0 | .3 | .0 | | | | | | | 6.1 | 5.0 |
| NE | 1.7 | 2.0 | .5 | .1 | | | | | | | | 4.3 | 4.4 |
| ENE | 1.1 | 1.1 | .3 | .0 | | | | | | | | 2.6 | 4.1 |
| E | 1.1 | .5 | .1 | .0 | .0 | | | | | | | 1.7 | 3.7 |
| ESE | .7 | .7 | .1 | .1 | .0 | | | | | | | 1.6 | 4.6 |
| SE | 1.3 | 1.0 | .3 | .1 | .0 | .0 | | | | | | 2.8 | 4.6 |
| SSE | 2.0 | 1.7 | .8 | .4 | .0 | .0 | | | | | | 5.0 | 5.1 |
| S | 3.3 | 2.6 | 1.1 | .5 | .1 | .1 | | | | | | 7.8 | 5.2 |
| SSW | 1.4 | 1.0 | .4 | .2 | .1 | .0 | .0 | | | | | 3.2 | 5.5 |
| SW | 1.4 | 1.0 | .4 | .4 | .2 | .0 | .0 | | | | | 3.5 | 6.1 |
| WSW | 1.4 | 1.2 | .6 | .4 | .2 | .1 | .0 | | | | | 4.0 | 6.4 |
| W | 2.5 | 3.2 | 2.7 | 1.5 | .2 | .0 | .0 | | | | | 10.2 | 6.8 |
| WNW | 1.4 | 2.5 | 1.6 | .6 | .0 | .0 | .0 | | | | | 6.1 | 6.2 |
| NW | 1.3 | 2.5 | 1.5 | .5 | .1 | | .0 | | | | | 5.9 | 6.1 |
| NNW | 1.5 | 2.8 | 1.8 | .8 | .1 | .0 | .0 | | | | | 6.7 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.2 | |
| | 26.7 | 30.9 | 15.7 | 6.9 | 1.3 | .3 | .0 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

10749

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

ALL
MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

5702 SURFACE WINDS JAN 78

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 4.5 | 5.5 | 6.4 | 3.6 | .9 | | | | | | 23.6 | 10.7 |
| NNE | 3.6 | 4.5 | .9 | | | | | | | | | 9.1 | 4.5 |
| NE | | | .9 | | | | | | | | | .9 | 9.0 |
| ENE | | | | | | | | | | | | | |
| E | .9 | | | | | | | | | | | .9 | 2.0 |
| ESE | | .9 | | | | | | | | | | .9 | 4.0 |
| SE | | .9 | | | | | | | | | | .9 | 4.0 |
| SSE | .9 | | | | | | | | | | | .9 | 3.0 |
| S | 4.5 | .9 | | | | .9 | | | | | | 6.4 | 6.6 |
| SSW | .9 | .9 | 1.8 | | | 1.8 | | | | | | 5.5 | 12.2 |
| SW | 1.8 | | | .9 | | | | | | | | 2.7 | 6.3 |
| WSW | 1.8 | | | | | .9 | | | | | | 2.7 | 10.0 |
| W | | 2.7 | | | | | .9 | | | | | 3.6 | 11.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | 1.8 | .9 | 2.7 | 3.6 | | | | | | | | 9.1 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.5 | |
| | 20.9 | 16.4 | 14.5 | 11.8 | 4.5 | 5.5 | .9 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS

110

NWSD, Federal Building
Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than $6/10$ total sky cover and those cases where total sky cover is $6/10$ or more, but not more than $1/2$ of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|------|---------|------|---------|---------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 |
| NO CEILING | | | | | | | | | | | | ≥ 0 |
| ≥ 1800 | | | | | | | | | | | | |
| ≥ 1500 | | | | | 91.0 | | | | | | | 92.6 |
| ≥ 1200 | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | 97.4 | | 98.1 |
| ≥ 400 | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | |
| 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | 100.0 |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility > 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS

0
1
2
3
4
5
6
7
8 (or obscured)

TENTHS

0
1
3
4
5
6
8
9
10

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102

FALLON, NEVADA

73

STATION NAME

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03102
STATIONFALLON, NEVADA
STATION NAME

73

YEARS

JAN
MONTH04
HOURS (LST)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ 5/16 |
| NO CEILING | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 20000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 18000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 16000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 14000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 12000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 10000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 9000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 8000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 7000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 6000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 5000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 4500 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 4000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 3500 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 3000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 2500 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 2000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 1800 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 1500 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 1200 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 1000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 900 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 800 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 700 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 600 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 500 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 400 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 300 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 200 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| AI 100 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

TOTAL NUMBER OF OBSERVATIONS

2

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102

FALLON, NEVADA

73-77

JAN

STATION NAME

YEARS

MOUTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07

HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 48.0 | 48.0 | 48.7 | 48.7 | 49.3 | 49.3 | 50.0 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 51.3 |
| ≥ 20000 | 54.6 | 54.6 | 55.3 | 55.3 | 55.9 | 55.9 | 56.6 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.9 |
| 18000 | 55.3 | 55.3 | 55.9 | 55.9 | 56.6 | 56.6 | 57.2 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.6 |
| 16000 | 55.3 | 55.3 | 55.9 | 55.9 | 56.6 | 56.6 | 57.2 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.6 |
| 14000 | 55.9 | 55.9 | 56.6 | 56.6 | 57.2 | 57.2 | 57.9 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 59.2 |
| 12000 | 58.6 | 58.6 | 59.2 | 59.2 | 59.9 | 59.9 | 60.5 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.8 |
| 10000 | 61.2 | 61.2 | 61.8 | 61.8 | 62.5 | 62.5 | 63.2 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 64.5 |
| 9000 | 61.2 | 61.2 | 61.8 | 61.8 | 62.5 | 62.5 | 63.2 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 64.5 |
| 8000 | 67.1 | 67.1 | 67.8 | 67.8 | 68.4 | 68.4 | 69.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 71.1 |
| 7000 | 67.8 | 67.8 | 68.4 | 68.4 | 69.1 | 69.1 | 69.7 | 70.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 72.4 |
| 6000 | 69.1 | 69.1 | 70.4 | 70.4 | 71.1 | 71.1 | 71.7 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.7 |
| 5000 | 71.7 | 71.7 | 73.0 | 73.0 | 73.7 | 73.7 | 74.3 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 76.3 |
| 4500 | 74.3 | 74.3 | 75.7 | 75.7 | 76.3 | 76.3 | 77.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 79.0 |
| 4000 | 77.0 | 77.0 | 78.3 | 78.3 | 79.0 | 79.0 | 79.6 | 80.9 | 80.9 | 81.6 | 81.6 | 81.6 | 81.6 | 82.2 |
| 3500 | 77.6 | 77.6 | 79.0 | 79.0 | 79.6 | 79.6 | 80.3 | 81.6 | 81.6 | 82.2 | 82.2 | 82.2 | 82.2 | 82.9 |
| 3000 | 79.6 | 79.6 | 81.6 | 81.6 | 82.2 | 82.2 | 82.9 | 84.2 | 84.2 | 84.9 | 84.9 | 84.9 | 84.9 | 85.5 |
| 2500 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.9 | 84.9 | 85.5 | 85.5 | 85.5 | 85.5 | 86.2 |
| 2000 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.9 | 84.9 | 85.5 | 85.5 | 85.5 | 85.5 | 86.2 |
| 1800 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.9 | 84.9 | 85.5 | 85.5 | 85.5 | 85.5 | 86.2 |
| 1500 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.9 | 84.9 | 85.5 | 85.5 | 85.5 | 85.5 | 86.2 |
| 1200 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.2 | 86.2 | 86.8 |
| 1000 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.2 | 86.2 | 86.8 |
| 900 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.2 | 86.2 | 87.5 |
| 800 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.2 | 86.2 | 87.5 |
| 700 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.2 | 86.2 | 87.5 |
| 600 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.2 | 86.2 | 87.5 |
| 500 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.8 | 86.8 | 88.2 |
| 400 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 86.8 | 86.8 | 88.2 |
| 300 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 87.5 | 87.5 | 89.5 |
| 200 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 88.2 | 88.2 | 90.8 |
| 100 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 88.2 | 88.2 | 91.5 |
| 0 | 80.3 | 80.3 | 82.2 | 82.2 | 82.9 | 82.9 | 83.6 | 84.2 | 84.2 | 85.5 | 85.5 | 88.2 | 88.2 | 91.5 |

152

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATIONFALLON, NEVADA
STATION NAME

73-77

YEARS

JAN
MONTH10
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 57.1 | 57.1 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 58.4 |
| ≥ 20000 | 62.3 | 62.3 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.6 |
| ≥ 18000 | 62.3 | 62.3 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.6 |
| ≥ 16000 | 63.0 | 63.0 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 64.3 |
| ≥ 14000 | 63.0 | 63.0 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 64.3 |
| ≥ 12000 | 65.6 | 66.2 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.5 |
| ≥ 10000 | 66.2 | 66.9 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 68.2 |
| ≥ 9000 | 66.2 | 66.9 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 68.2 |
| ≥ 8000 | 73.4 | 75.3 | 76.0 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 77.3 |
| ≥ 7000 | 74.0 | 76.0 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 77.3 |
| ≥ 6000 | 76.6 | 78.6 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 80.5 |
| ≥ 5000 | 79.2 | 81.2 | 81.8 | 81.8 | 81.8 | 81.8 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 83.1 |
| ≥ 4500 | 82.5 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 86.4 |
| ≥ 4000 | 83.1 | 85.1 | 85.7 | 85.7 | 85.7 | 85.7 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 87.7 |
| ≥ 3500 | 85.1 | 87.0 | 87.7 | 87.7 | 87.7 | 87.7 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 89.6 |
| ≥ 3000 | 85.7 | 87.7 | 88.3 | 88.3 | 88.3 | 88.3 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 90.9 |
| ≥ 2500 | 87.0 | 89.0 | 89.6 | 89.6 | 89.6 | 89.6 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.9 |
| ≥ 2000 | 87.7 | 90.3 | 90.9 | 90.9 | 90.9 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.2 |
| ≥ 1800 | 87.7 | 90.3 | 90.9 | 90.9 | 90.9 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.2 |
| ≥ 1500 | 87.7 | 90.3 | 90.9 | 90.9 | 90.9 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.2 |
| ≥ 1200 | 87.7 | 90.3 | 90.9 | 90.9 | 90.9 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.2 |
| ≥ 1000 | 87.7 | 90.3 | 91.6 | 91.6 | 91.6 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 94.8 |
| ≥ 900 | 87.7 | 90.3 | 91.6 | 92.2 | 92.2 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 94.8 |
| ≥ 800 | 87.7 | 90.3 | 91.6 | 92.2 | 92.2 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 94.8 |
| ≥ 700 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |
| ≥ 600 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |
| ≥ 500 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |
| ≥ 400 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |
| ≥ 300 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |
| ≥ 200 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |
| ≥ 100 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |
| ≥ 0 | 87.7 | 90.9 | 92.2 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 96.1 |

TOTAL NUMBER OF OBSERVATIONS

154

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 57.8 | 57.8 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 20000 | 66.2 | 66.2 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 18000 | 67.5 | 67.5 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 16000 | 68.2 | 68.2 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 14000 | 68.2 | 68.2 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 12000 | 70.1 | 70.8 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 10000 | 74.7 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 9000 | 74.7 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 8000 | 79.2 | 79.9 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 7000 | 79.2 | 79.9 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 6000 | 80.5 | 81.2 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 5000 | 85.7 | 86.4 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4500 | 86.4 | 87.0 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 4000 | 90.3 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3500 | 90.9 | 91.6 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 3000 | 91.6 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 2500 | 92.2 | 93.5 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 2000 | 92.9 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1800 | 92.9 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | 93.5 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 93.5 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 900 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 800 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 700 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 600 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 400 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 300 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 200 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 100 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 0 | 94.2 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |

TOTAL NUMBER OF OBSERVATIONS 154

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

TEARS

JAN
MONTH

16
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 60.4 | 60.4 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 20000 | 67.5 | 67.5 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 18000 | 68.2 | 68.2 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 16000 | 69.5 | 69.5 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 14000 | 70.8 | 70.8 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 12000 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 10000 | 78.6 | 79.2 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 9000 | 79.2 | 79.9 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 8000 | 81.2 | 81.8 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 7000 | 81.8 | 82.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 6000 | 85.1 | 85.7 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 5000 | 85.7 | 87.0 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4500 | 87.7 | 89.0 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 4000 | 89.6 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 3500 | 91.6 | 93.5 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 3000 | 92.9 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2500 | 92.9 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2000 | 94.2 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | 94.2 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1200 | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 600 | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 500 | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 300 | 95.5 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 95.5 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 100 | 95.5 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 0 | 95.5 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

154

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 20000 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| 18000 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| 16000 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| 14000 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| 12000 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| 10000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 9000 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 8000 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| 7000 | 81.7 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| 6000 | 86.3 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 5000 | 86.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 4500 | 87.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| 4000 | 89.5 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 3500 | 92.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 3000 | 92.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 2500 | 92.2 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 2000 | 93.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 1800 | 93.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 1500 | 93.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 1200 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 1000 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 900 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 800 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 700 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 600 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 500 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 400 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 300 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 200 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 100 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 0 | 93.5 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |

TOTAL NUMBER OF OBSERVATIONS

153

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 20000 | 65.6 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 18000 | 66.2 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 16000 | 66.9 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 14000 | 67.6 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 12000 | 70.9 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 10000 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 9000 | 75.5 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 8000 | 77.5 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 7000 | 77.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 6000 | 79.5 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 5000 | 84.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 4500 | 85.4 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 4000 | 86.8 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3500 | 88.1 | 90.1 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 3000 | 88.1 | 90.1 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2500 | 88.1 | 90.1 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2000 | 88.7 | 91.4 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1800 | 88.7 | 91.4 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1500 | 89.4 | 92.1 | 93.4 | 93.4 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1200 | 89.4 | 92.7 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1000 | 89.4 | 92.7 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 900 | 89.4 | 92.7 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 800 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 700 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 600 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 400 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 300 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 200 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 100 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 0 | 90.1 | 93.4 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |

TOTAL NUMBER OF OBSERVATIONS

151

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

73-77

STATION NAME

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MOUSE (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 57.7 | 57.7 | 58.1 | 58.1 | 58.2 | 58.2 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.7 | 59.5 |
| ≥ 20000 | 64.1 | 64.2 | 64.6 | 64.6 | 64.7 | 64.7 | 64.8 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.5 | 66.2 |
| ≥ 18000 | 64.7 | 64.8 | 65.3 | 65.3 | 65.4 | 65.4 | 65.5 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 66.1 | 66.9 |
| ≥ 16000 | 65.4 | 65.5 | 65.9 | 65.9 | 66.0 | 66.0 | 66.1 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.8 | 67.5 |
| ≥ 14000 | 65.9 | 66.0 | 66.5 | 66.5 | 66.6 | 66.6 | 66.7 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.3 | 68.1 |
| ≥ 12000 | 69.1 | 69.4 | 69.8 | 69.8 | 69.9 | 69.9 | 70.0 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.7 | 71.4 |
| ≥ 10000 | 72.1 | 72.5 | 73.0 | 73.0 | 73.1 | 73.1 | 73.2 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.8 | 74.6 |
| ≥ 9000 | 72.5 | 73.0 | 73.4 | 73.4 | 73.5 | 73.5 | 73.6 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 74.3 | 75.0 |
| ≥ 8000 | 76.6 | 77.2 | 77.6 | 77.6 | 77.7 | 77.7 | 78.0 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.7 | 79.5 |
| ≥ 7000 | 77.0 | 77.9 | 78.4 | 78.4 | 78.5 | 78.5 | 78.7 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.5 | 80.2 |
| ≥ 6000 | 79.5 | 80.4 | 80.9 | 80.9 | 81.0 | 81.0 | 81.2 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 82.0 | 82.7 |
| ≥ 5000 | 82.3 | 83.4 | 83.9 | 83.9 | 84.0 | 84.0 | 84.3 | 84.6 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 85.1 | 85.9 |
| ≥ 4500 | 83.9 | 85.0 | 85.6 | 85.6 | 85.7 | 85.7 | 85.9 | 86.2 | 86.2 | 86.3 | 86.3 | 86.4 | 86.4 | 86.8 | 87.5 |
| ≥ 4000 | 86.0 | 87.2 | 87.8 | 87.8 | 88.0 | 88.0 | 88.2 | 88.5 | 88.5 | 88.8 | 88.8 | 89.0 | 89.0 | 89.4 | 90.1 |
| ≥ 3500 | 87.5 | 88.8 | 89.5 | 89.5 | 89.6 | 89.6 | 89.8 | 90.1 | 90.1 | 90.5 | 90.5 | 90.7 | 90.7 | 91.0 | 91.8 |
| ≥ 3000 | 88.3 | 89.6 | 90.3 | 90.3 | 90.6 | 90.6 | 90.9 | 91.2 | 91.2 | 91.5 | 91.5 | 91.8 | 91.8 | 92.1 | 92.8 |
| ≥ 2500 | 88.7 | 90.1 | 90.9 | 90.9 | 91.1 | 91.1 | 91.4 | 91.8 | 91.8 | 92.1 | 92.1 | 92.3 | 92.3 | 92.6 | 93.4 |
| ≥ 2000 | 89.5 | 91.1 | 91.9 | 91.9 | 92.1 | 92.1 | 92.5 | 92.8 | 92.8 | 93.3 | 93.3 | 93.5 | 93.5 | 93.8 | 94.6 |
| ≥ 1800 | 89.5 | 91.1 | 91.9 | 91.9 | 92.2 | 92.2 | 92.6 | 92.9 | 92.9 | 93.4 | 93.4 | 93.6 | 93.6 | 93.9 | 94.7 |
| ≥ 1600 | 89.8 | 91.4 | 92.3 | 92.3 | 92.7 | 92.7 | 93.2 | 93.5 | 93.5 | 93.9 | 93.9 | 94.1 | 94.1 | 94.5 | 95.2 |
| ≥ 1400 | 89.9 | 91.6 | 92.6 | 92.6 | 93.1 | 93.1 | 93.5 | 93.8 | 93.8 | 94.3 | 94.3 | 94.5 | 94.7 | 95.0 | 95.8 |
| ≥ 1200 | 89.9 | 91.8 | 92.8 | 92.8 | 93.3 | 93.3 | 93.8 | 94.1 | 94.1 | 94.6 | 94.8 | 95.0 | 95.0 | 95.3 | 96.1 |
| ≥ 1000 | 89.9 | 91.8 | 92.8 | 92.8 | 93.4 | 93.4 | 93.9 | 94.3 | 94.3 | 94.7 | 94.9 | 95.1 | 95.1 | 95.6 | 96.3 |
| ≥ 900 | 90.0 | 91.9 | 92.9 | 93.1 | 93.5 | 93.5 | 94.3 | 94.6 | 94.6 | 95.0 | 95.2 | 95.4 | 95.4 | 95.9 | 96.6 |
| ≥ 800 | 90.0 | 92.0 | 93.1 | 93.2 | 93.6 | 93.6 | 94.4 | 94.7 | 94.7 | 95.1 | 95.3 | 95.6 | 95.6 | 96.1 | 96.9 |
| ≥ 700 | 90.1 | 92.1 | 93.2 | 93.3 | 93.7 | 93.7 | 94.6 | 94.9 | 94.9 | 95.3 | 95.6 | 95.8 | 95.8 | 96.3 | 97.1 |
| ≥ 600 | 90.1 | 92.1 | 93.2 | 93.4 | 93.8 | 93.8 | 94.7 | 95.0 | 95.0 | 95.7 | 95.9 | 96.1 | 96.1 | 96.6 | 97.3 |
| ≥ 500 | 90.1 | 92.1 | 93.2 | 93.4 | 93.8 | 93.8 | 94.7 | 95.1 | 95.1 | 95.8 | 96.0 | 96.2 | 96.2 | 96.7 | 97.6 |
| ≥ 400 | 90.1 | 92.2 | 93.3 | 93.5 | 93.9 | 93.9 | 94.8 | 95.2 | 95.2 | 96.0 | 96.3 | 96.5 | 96.5 | 97.2 | 98.3 |
| ≥ 300 | 90.1 | 92.2 | 93.3 | 93.5 | 93.9 | 93.9 | 94.9 | 95.3 | 95.3 | 96.1 | 96.4 | 96.7 | 96.7 | 97.5 | 98.8 |
| ≥ 200 | 90.1 | 92.2 | 93.3 | 93.5 | 93.9 | 93.9 | 94.9 | 95.3 | 95.3 | 96.1 | 96.4 | 96.7 | 96.7 | 97.7 | 99.2 |
| ≥ 100 | 90.1 | 92.2 | 93.3 | 93.5 | 93.9 | 93.9 | 94.9 | 95.3 | 95.3 | 96.1 | 96.4 | 96.7 | 96.7 | 97.7 | 100.0 |
| 0 | 90.1 | 92.2 | 93.3 | 93.5 | 93.9 | 93.9 | 94.9 | 95.3 | 95.3 | 96.1 | 96.4 | 96.7 | 96.7 | 97.7 | 100.0 |

921

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | | ≥ 0 |
| ≥ 20000 | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

74

YEARS

FEB
MONTH

04
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB
MONTH07
HOURS (L S T)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 20000 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 18000 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 16000 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 14000 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 12000 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 10000 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 9000 | 80.1 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 8000 | 82.3 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 7000 | 83.0 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 6000 | 83.7 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 5000 | 85.1 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 4500 | 86.5 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 4000 | 90.8 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3500 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3000 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 2500 | 93.6 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 2000 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1800 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1500 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1200 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1000 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 900 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 800 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 700 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 600 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 500 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 400 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 300 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 200 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 100 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 0 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

FEB
MONTH

10
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 20000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 18000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 16000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 14000 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 12000 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 10000 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 9000 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| 8000 | 83.7 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| 7000 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 6000 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 5000 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 4500 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 4000 | 87.2 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| 3500 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 3000 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| 2500 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 2000 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 1800 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 1500 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 1200 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 1000 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 900 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 800 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 700 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 600 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 500 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 400 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 300 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 200 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 100 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 0 | 92.9 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

TEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 | ≥ 0 |
| NO CEILING | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 20000 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 18000 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 16000 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 14000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 12000 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 10000 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 9000 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 8000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 7000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 6000 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 5000 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 4500 | 82.3 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 4000 | 87.2 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 3500 | 88.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 3000 | 92.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 2500 | 92.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 2000 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1800 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1500 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1200 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1000 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 900 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 800 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 700 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 600 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 500 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 400 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 300 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 200 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 100 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 0 | 92.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANNET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 56.0 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 20000 | 65.3 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| AI 18000 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| AI 16000 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| AI 14000 | 70.2 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| AI 12000 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| AI 10000 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| AI 9000 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| AI 8000 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| AI 7000 | 85.1 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| AI 6000 | 86.5 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| AI 5000 | 89.4 | 90.8 | 90.8 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| AI 4500 | 90.1 | 91.5 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| AI 4000 | 92.2 | 93.6 | 93.6 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| AI 3500 | 92.2 | 93.6 | 93.6 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| AI 3000 | 94.3 | 95.7 | 95.7 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| AI 2500 | 94.3 | 96.5 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| AI 2000 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 1800 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 1500 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 1200 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 1000 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 900 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 800 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 700 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 600 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 500 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 400 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 300 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 200 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 100 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| AI 0 | 95.0 | 97.2 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 53.9 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 20000 | 64.5 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 18000 | 66.7 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 16000 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 14000 | 70.9 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 12000 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 10000 | 80.9 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 9000 | 81.6 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 8000 | 85.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 7000 | 85.8 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 6000 | 87.2 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 5000 | 87.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4500 | 89.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 4000 | 90.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3500 | 90.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3000 | 92.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 2500 | 93.6 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 2000 | 94.3 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1800 | 94.3 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1500 | 94.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1200 | 94.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 94.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 94.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 94.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 95.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 63.6 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 20000 | 68.6 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 18000 | 71.4 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 16000 | 72.1 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 14000 | 74.3 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 12000 | 77.9 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 10000 | 85.0 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 9000 | 85.7 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 8000 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 7000 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 6000 | 90.7 | 91.4 | 91.4 | 91.4 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 5000 | 90.7 | 92.1 | 92.1 | 92.1 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4500 | 90.7 | 92.1 | 92.1 | 92.1 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4000 | 92.1 | 93.6 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3500 | 92.1 | 93.6 | 94.3 | 94.3 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3000 | 93.6 | 95.0 | 95.7 | 95.7 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 2500 | 94.3 | 95.7 | 96.4 | 96.4 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 2000 | 95.0 | 97.1 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1800 | 95.7 | 97.9 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 95.7 | 97.9 | 98.6 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.7 | 98.6 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

140

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

73-77

TEARS

FEB
MONTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 58.5 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 20000 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 18000 | 67.5 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 16000 | 68.1 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 14000 | 70.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 12000 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 10000 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 9000 | 79.9 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 8000 | 83.6 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 7000 | 84.0 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 6000 | 85.1 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 5000 | 86.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4500 | 87.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 4000 | 90.1 | 91.1 | 91.3 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3500 | 90.8 | 92.0 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3000 | 92.8 | 94.2 | 94.3 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 2500 | 93.5 | 95.2 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 2000 | 94.0 | 96.1 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1800 | 94.1 | 96.2 | 96.3 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1500 | 94.1 | 96.3 | 96.6 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 94.1 | 96.6 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 94.1 | 96.6 | 96.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 94.1 | 96.6 | 96.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 94.1 | 96.6 | 96.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 700 | 94.2 | 96.7 | 97.0 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 94.2 | 96.7 | 97.0 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 500 | 94.2 | 96.7 | 97.2 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 400 | 94.2 | 96.7 | 97.2 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 300 | 94.2 | 96.7 | 97.2 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 200 | 94.2 | 96.7 | 97.2 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 100 | 94.2 | 96.7 | 97.2 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 0 | 94.2 | 96.7 | 97.2 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |

846

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 |
| NO CEILING | | | | | | | | | | | | | ≥ 0 |
| ≥ 20000 | | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

74

YEARS

HAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | ≥ 0 |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | |
| NO CEILING | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 20000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 18000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 16000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 14000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 12000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 10000 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 9000 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 8000 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 7000 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 6000 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

6

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION 03102 FALLON, NEVADA STATION NAME 73-77 YEARS MAR MONTH 07 HOURS (LST) 07

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ 0 |
| NO CEILING | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 20000 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 18000 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 16000 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 14000 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 12000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 10000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 9000 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 8000 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 7000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 6000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 5000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 4500 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 3500 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 3000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 2500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 900 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 800 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 700 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 300 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 200 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 100 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

92102
STATIONFALLON, NEVADA
STATION NAME

73-77

YEARS

MAR
MONTH10
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|--|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | |
| NO CEILING | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | |
| ≥ 20000 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | |
| ≥ 18000 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | |
| ≥ 16000 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | |
| ≥ 14000 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | |
| ≥ 12000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | |
| ≥ 10000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | |
| ≥ 9000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | |
| ≥ 8000 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | |
| ≥ 7000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | |
| ≥ 6000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | |
| ≥ 5000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | |
| ≥ 4500 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | |
| ≥ 4000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | |
| ≥ 3500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | |
| ≥ 3000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 2500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 2000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 1800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 1500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 1200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 1000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 900 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 700 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 600 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 400 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 300 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 100 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| ≥ 0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

WINDY WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

FALLON, NEVADA

73-77

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

YEARS

13
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ |
| NO CEILING | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 20000 | 61.9 | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| 18000 | 61.9 | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| 16000 | 64.5 | 64.5 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| 14000 | 66.5 | 66.5 | 67.1 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| 12000 | 68.4 | 68.4 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| 10000 | 70.3 | 70.3 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 9000 | 71.0 | 71.0 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 8000 | 74.8 | 74.8 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 7000 | 74.8 | 74.8 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 6000 | 76.8 | 76.8 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 5000 | 81.9 | 81.9 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 4500 | 85.2 | 85.2 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 4000 | 94.8 | 94.8 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 3500 | 95.5 | 95.5 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 3000 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 2500 | 96.8 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 2000 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 1800 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 1500 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 1200 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 1000 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 900 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 800 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 700 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 600 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 500 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 400 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 300 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 200 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 100 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 0 | 97.4 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

| CEILING (FEET) | | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|--|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 47.7 | 48.4 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.7 | 49.7 | 49.7 |
| ≥ 20000 | | 58.7 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.7 | 60.7 | 60.7 |
| ≥ 18000 | | 60.7 | 61.3 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.6 | 62.6 | 62.6 |
| ≥ 16000 | | 61.9 | 62.6 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.9 | 63.9 | 63.9 |
| ≥ 14000 | | 63.9 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.8 | 65.8 | 65.8 |
| ≥ 12000 | | 67.1 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 69.0 | 69.0 | 69.0 |
| ≥ 10000 | | 70.3 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 |
| ≥ 9000 | | 71.0 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.9 | 72.9 | 72.9 |
| ≥ 8000 | | 74.2 | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 |
| ≥ 7000 | | 74.8 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 |
| ≥ 6000 | | 76.1 | 76.8 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 |
| ≥ 5000 | | 81.3 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 |
| ≥ 4500 | | 83.9 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 |
| ≥ 4000 | | 91.6 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 |
| ≥ 3500 | | 93.6 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 |
| ≥ 3000 | | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | | 94.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | 95.5 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 49.7 | 50.3 | 51.0 | 51.0 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 20000 | 51.6 | 52.3 | 52.9 | 52.9 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 18000 | 52.3 | 52.9 | 53.6 | 53.6 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 16000 | 54.8 | 55.5 | 56.1 | 56.1 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 14000 | 58.1 | 58.7 | 59.4 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 12000 | 63.2 | 63.9 | 64.5 | 64.5 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 10000 | 70.3 | 71.0 | 71.6 | 71.6 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 9000 | 71.6 | 72.3 | 72.9 | 72.9 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 8000 | 76.1 | 76.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 7000 | 76.1 | 76.8 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 6000 | 78.7 | 79.4 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 82.6 | 83.2 | 83.9 | 83.9 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4500 | 83.2 | 83.9 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4000 | 89.7 | 91.0 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3500 | 92.3 | 93.6 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 3000 | 93.6 | 94.8 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2500 | 94.2 | 95.5 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 95.5 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | 95.5 | 96.8 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 100 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 0 | 96.1 | 97.4 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAR
MONTH22
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|--|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | 58.1 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 20000 | | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 18000 | | 65.8 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 16000 | | 66.5 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 14000 | | 68.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 12000 | | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 10000 | | 74.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 9000 | | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 8000 | | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 7000 | | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 6000 | | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 5000 | | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4500 | | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 4000 | | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 3500 | | 95.3 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3000 | | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 53.5 | 53.9 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 |
| ≥ 20000 | 62.9 | 63.3 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 |
| ≥ 18000 | 63.7 | 64.0 | 64.3 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 |
| ≥ 16000 | 65.2 | 65.5 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 |
| ≥ 14000 | 67.2 | 67.5 | 67.8 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 |
| ≥ 12000 | 70.6 | 70.9 | 71.3 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 |
| ≥ 10000 | 75.2 | 75.5 | 75.9 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 |
| ≥ 9000 | 76.0 | 76.3 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 |
| ≥ 8000 | 79.3 | 79.6 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 |
| ≥ 7000 | 79.8 | 80.1 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 |
| ≥ 6000 | 81.7 | 82.1 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 |
| ≥ 5000 | 85.8 | 86.1 | 86.4 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 |
| ≥ 4500 | 87.7 | 88.0 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 |
| ≥ 4000 | 93.1 | 93.5 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 |
| ≥ 3500 | 94.8 | 95.3 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 |
| ≥ 3000 | 96.4 | 97.2 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | 96.6 | 97.5 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 |
| ≥ 2000 | 97.1 | 98.1 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 97.1 | 98.1 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 97.2 | 98.3 | 98.7 | 98.8 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 97.2 | 98.3 | 98.7 | 98.8 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 97.2 | 98.3 | 98.7 | 98.8 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 97.2 | 98.4 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 97.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |

936

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

74

YEARS

APR
MONTH

04
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 20000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 18000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 16000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 14000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 12000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 10000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

APR
MONTH

07
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 20000 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 18000 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 16000 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 14000 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 12000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 10000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 9000 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 8000 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 7000 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 6000 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 5000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4500 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4000 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3000 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2500 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2000 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 96.0 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0 | 96.0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

APR
MONTH
10
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 20000 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 18000 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 16000 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 14000 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 12000 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 10000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 9000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 8000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 7000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 6000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 5000 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 4500 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 4000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3500 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2500 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 2000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

FALLON, NEVADA

71-77

STATION NAME

YEARS

APR NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 20000 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 18000 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 16000 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 14000 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 12000 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 10000 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 9000 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 8000 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 7000 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 6000 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 5000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4500 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 53.3 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 20000 | 64.0 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 18000 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 16000 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 14000 | 69.3 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 12000 | 72.7 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 10000 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 9000 | 74.7 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 8000 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 7000 | 77.3 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 6000 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 5000 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4500 | 85.3 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4000 | 92.0 | 92.7 | 92.7 | 93.3 | 93.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 93.3 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3000 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

APR
MONTH

19
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 20000 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| 18000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 16000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| 14000 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 12000 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| 10000 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 9000 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| 8000 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 7000 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| 6000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 5000 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| 4500 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4000 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 3500 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 20000 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 18000 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 16000 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 14000 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 12000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 10000 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 9000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 8000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 7000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 6000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 5000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 4500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 100 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 |
| NO CEILING | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 20000 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 18000 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 16000 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 14000 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 12000 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 10000 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 9000 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 8000 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| 7000 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| 6000 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 5000 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 4500 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 4000 | 94.5 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 |
| 3500 | 95.3 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 |
| 3000 | 97.5 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 |
| 2500 | 97.7 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| 2000 | 97.8 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 |
| 1800 | 97.8 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 |
| 1500 | 97.8 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| 1200 | 97.9 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 |
| 1000 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| 900 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| 800 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 700 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 600 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 500 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 400 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 300 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 200 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 100 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 98.0 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 |

902

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

AD-A060 545

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) FALLON, --ETC(U)
JUL 78

F/G 4/2

UNCLASSIFIED

NL

3 OF 4

AD
A060545



CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

5703 CEILING VERSUS VISIBILITY JAN 78

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| AI AI | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA 57

2

| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |
|--------------|-------------|--------------|---------------|--------------|--------------|-------------|--------------|---------------|--------------|
| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |

YEARS

| | MAY | JUN | JULY | AUG. | SEPT. | OCT. | NOV. | DEC. | TOTAL |
|------|-----|-----|------|------|-------|------|------|------|-------|
| 1960 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1961 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1962 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1963 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1964 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1965 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1966 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1967 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1968 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1969 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1970 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1971 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1972 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1973 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1974 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1975 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1976 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1977 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1978 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1979 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1980 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1981 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1982 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1983 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1984 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1985 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1986 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1987 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1988 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1989 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1990 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1991 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1992 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1993 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1994 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1995 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1996 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1997 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1998 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 1999 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2000 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2001 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2002 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2003 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2004 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2005 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2006 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2007 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2008 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2009 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 174 |
| 2010 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | | |

04
HOURS (L S Y)

CEILING VERSUS VISIBILITY

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

[illegible]

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 20000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 18000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 16000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 14000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 12000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 10000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 9000 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 8000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 7000 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 5000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4500 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATIONFALLON, NEVADA
STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (C.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 20000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 18000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 16000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 14000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 12000 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 10000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 9000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 8000 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 7000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 6000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 5000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 4500 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 3500 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1800 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1500 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.1 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 20000 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 18000 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 16000 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 14000 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 12000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 10000 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 8000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 7000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 6000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 5000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 4500 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 4000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 |
| NO CEILING | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 20000 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 18000 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 16000 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 14000 | 72.9 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 12000 | 75.5 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 10000 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 9000 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 8000 | 79.4 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 7000 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 6000 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 89.7 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4500 | 92.3 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 4000 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 3500 | 96.1 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 96.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | 96.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | 96.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 96.8 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 0 | 97.4 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 20000 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 18000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 16000 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 14000 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 12000 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 10000 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 9000 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| 8000 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 7000 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 6000 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 5000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 4500 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 4000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 3500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 2500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

1275 946271

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION **93102** FALLON, NEVADA STATION NAME
 YEARS **73-77** MAY MONTH
 HOURS (L S T) **22**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 2000 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 1800 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 1600 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 1400 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 1200 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 1000 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 900 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 800 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 700 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 600 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 500 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 450 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 400 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 350 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 300 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 250 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 20000 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 18000 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 16000 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 14000 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 12000 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 10000 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 9000 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 8000 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 7000 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 6000 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 5000 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 4500 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 4000 | 96.1 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 3500 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 3000 | 97.6 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2500 | 98.1 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2000 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 98.8 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1200 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 900 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 931

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 20000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 18000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| 16000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 14000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 12000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 10000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 9000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 8000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 7000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| 6000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 5000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 4500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 |
| NO CEILING | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 20000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| 18000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 16000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 14000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 12000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 10000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 9000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 8000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 7000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 6000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 5000 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 4500 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 4000 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 3500 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 3000 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 2500 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 2000 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102

FALLON, NEVADA

73-77

YEARS

JUN

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13

HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 |
| NO CEILING | 70.7 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 20000 | 85.3 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 18000 | 85.3 | 86.0 | 86.0 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 16000 | 86.0 | 86.7 | 86.7 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 14000 | 86.7 | 87.3 | 87.3 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 12000 | 88.7 | 89.3 | 89.3 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 10000 | 90.0 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 9000 | 90.0 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 8000 | 92.7 | 93.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 7000 | 92.7 | 93.3 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 6000 | 94.0 | 94.7 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 5000 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4500 | 96.0 | 96.7 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4000 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3500 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3000 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 67.3 | 67.3 | 67.3 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 20000 | 82.0 | 82.7 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 18000 | 82.0 | 82.7 | 82.7 | 82.7 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 16000 | 82.7 | 83.3 | 83.3 | 83.3 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 14000 | 83.3 | 84.0 | 84.0 | 84.0 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 12000 | 86.7 | 87.3 | 87.3 | 87.3 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 10000 | 90.0 | 90.7 | 90.7 | 90.7 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 9000 | 90.7 | 91.3 | 91.3 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 8000 | 92.0 | 92.7 | 92.7 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 7000 | 92.0 | 92.7 | 92.7 | 92.7 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 6000 | 93.3 | 94.0 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 5000 | 93.3 | 94.0 | 94.0 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 4500 | 95.3 | 96.0 | 96.0 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 4000 | 96.7 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3500 | 97.3 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03102
STATION

FALLON, NEVADA
STATION NAME

72-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 20000 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 18000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 16000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 14000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 12000 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 10000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 9000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 8000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 7000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 6000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 5000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 4500 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 4000 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3500 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 20000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 18000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 16000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 14000 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 12000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 10000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 9000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 8000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 7000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 6000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 5000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 4500 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 4000 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3500 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 149

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 20000 | 84.3 | 84.6 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 18000 | 84.8 | 85.0 | 85.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 16000 | 85.8 | 86.0 | 86.0 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 14000 | 86.4 | 86.7 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 12000 | 89.0 | 89.2 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 10000 | 91.2 | 91.4 | 91.4 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 9000 | 91.4 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 8000 | 93.4 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 7000 | 93.7 | 93.9 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 6000 | 94.9 | 95.1 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 5000 | 96.0 | 96.2 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 4500 | 96.6 | 96.8 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 4000 | 98.0 | 98.4 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 3500 | 98.3 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 3000 | 98.8 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 2500 | 98.8 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 2000 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.8 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

900

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

TEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ |
| NO CEILING | | | | | | | | | | | | | ≥ 0 |
| AI 20000 | | | | | | | | | | | | | |
| AI 18000 | | | | | | | | | | | | | |
| AI 16000 | | | | | | | | | | | | | |
| AI 14000 | | | | | | | | | | | | | |
| AI 12000 | | | | | | | | | | | | | |
| AI 10000 | | | | | | | | | | | | | |
| AI 9000 | | | | | | | | | | | | | |
| AI 8000 | | | | | | | | | | | | | |
| AI 7000 | | | | | | | | | | | | | |
| AI 6000 | | | | | | | | | | | | | |
| AI 5000 | | | | | | | | | | | | | |
| AI 4500 | | | | | | | | | | | | | |
| AI 4000 | | | | | | | | | | | | | |
| AI 3500 | | | | | | | | | | | | | |
| AI 3000 | | | | | | | | | | | | | |
| AI 2500 | | | | | | | | | | | | | |
| AI 2000 | | | | | | | | | | | | | |
| AI 1800 | | | | | | | | | | | | | |
| AI 1500 | | | | | | | | | | | | | |
| AI 1200 | | | | | | | | | | | | | |
| AI 1000 | | | | | | | | | | | | | |
| AI 900 | | | | | | | | | | | | | |
| AI 800 | | | | | | | | | | | | | |
| AI 700 | | | | | | | | | | | | | |
| AI 600 | | | | | | | | | | | | | |
| AI 500 | | | | | | | | | | | | | |
| AI 400 | | | | | | | | | | | | | |
| AI 300 | | | | | | | | | | | | | |
| AI 200 | | | | | | | | | | | | | |
| AI 100 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03102
STATION

FALLON, NEVADA
STATION NAME

73

TEARS

JUL
MONTH

04
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | |
| 18000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 16000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 14000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 12000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 10000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 9000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 8000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 7000 | | | | | | | | | | | |
| AI AI | | | | | | | | | | | |
| 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI AI | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 1

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 20000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 18000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 16000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 14000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 12000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 10000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 9000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 8000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 7000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 6000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 5000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 20000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 18000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 16000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 14000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 12000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 10000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 9000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 8000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 7000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 6000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 5000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 4500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

93102 FALLON, NEVADA

73-77

STATION NAME

YEARS

JUL NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 20000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 18000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 16000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 14000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 12000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 10000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 9000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 8000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 7000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 6000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 5000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 4500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

JUL
MONTH

16
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 20000 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 18000 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 16000 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 14000 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 12000 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 10000 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 9000 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 8000 | 91.0 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 7000 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 6000 | 92.9 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 5000 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 20000 | 76.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 18000 | 76.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 16000 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 14000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 12000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 10000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 9000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 8000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 7000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 6000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 5000 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4000 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3500 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 300 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 200 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 0 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 80.5 | 80.5 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 20000 | 84.4 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 18000 | 84.4 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 16000 | 85.1 | 85.1 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| 14000 | 86.4 | 86.4 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 12000 | 89.6 | 89.6 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 10000 | 92.2 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 9000 | 92.2 | 92.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 8000 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 7000 | 93.5 | 93.5 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 6000 | 95.5 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 5000 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 4500 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 4000 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3500 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3000 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

154

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEAR

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (12-24)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 82.3 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 20000 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 18000 | 85.6 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 16000 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 14000 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 12000 | 89.3 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 10000 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 9000 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 8000 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 7000 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 6000 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 5000 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 4000 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 3500 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 3000 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

DIRNAVOCEANNIET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

FALLON, NEVADA

STATION NAME

73

YEARS

AUG

MONTH

93102

STATION NAME

73

YEARS

AUG

MONTH

01

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3

DIRNAVOCEANMET

SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 0 |
| NO CEILING | 83.2 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 20000 | 85.2 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 18000 | 35.8 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 16000 | 87.1 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 14000 | 87.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 12000 | 89.7 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 10000 | 92.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 9000 | 92.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 8000 | 93.6 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 7000 | 95.5 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 6000 | 95.5 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 5000 | 96.8 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4500 | 97.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 4000 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 20000 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 18000 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 16000 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 14000 | 91.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 12000 | 91.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 10000 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 9000 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 8000 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 7000 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 6000 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 5000 | 95.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4500 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4000 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG
MONTH13
NOVEMBER (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 20000 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 18000 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 16000 | 89.7 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 14000 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 12000 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 10000 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 9000 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 8000 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 7000 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 6000 | 96.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 5000 | 96.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 4500 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 4000 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 |
| NO CEILING | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 20000 | 80.0 | 80.0 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 18000 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 16000 | 80.7 | 80.7 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 14000 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 12000 | 85.2 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 10000 | 90.3 | 90.3 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 9000 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 8000 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 7000 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 6000 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 5000 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4500 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4000 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

AUG
MONTH

19

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ |
| NO CEILING | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 20000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 18000 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 16000 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 14000 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 12000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 10000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 9000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 8000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 7000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 6000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 5000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1200 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 100 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 78.7 | 78.7 | 78.7 | 78.7 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 20000 | 83.9 | 83.9 | 83.9 | 83.9 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 18000 | 84.5 | 84.5 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 16000 | 84.5 | 84.5 | 84.5 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 14000 | 87.7 | 88.4 | 88.4 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 12000 | 91.6 | 92.3 | 92.3 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 10000 | 92.9 | 93.6 | 93.6 | 93.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 9000 | 93.6 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 8000 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 7000 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 6000 | 94.2 | 94.8 | 94.8 | 94.8 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 5000 | 96.8 | 97.4 | 97.4 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4500 | 97.4 | 98.1 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 4000 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3500 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 3000 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 98.1 | 98.7 | 98.7 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.1 | 99.4 | 99.4 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG
MONTHALL
HOURS (L S T)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 77.7 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 20000 | 84.5 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 18000 | 84.9 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 16000 | 85.3 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| 14000 | 86.8 | 87.5 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 12000 | 89.2 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 10000 | 92.0 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 9000 | 92.5 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 8000 | 93.9 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 7000 | 94.3 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| 6000 | 94.9 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 5000 | 97.1 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| 4500 | 97.5 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| 4000 | 98.5 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| 3500 | 98.6 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 3000 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| 2500 | 98.7 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| 2000 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 1800 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 1500 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 1200 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 1000 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 900 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 800 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 700 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 600 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 500 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 400 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 300 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 200 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 100 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 98.7 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

936

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

FALLON, NEVADA

STATION NAME

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

5703 CEILING VERSUS VISIBILITY JAN 78

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | | ≥ 0 |
| ≥ 20000 | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73

TEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

2

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-75, 77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 87.5 | 87.5 | 87.5 | 88.3 | 88.3 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 20000 | 91.7 | 91.7 | 91.7 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 18000 | 91.7 | 91.7 | 91.7 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 16000 | 91.7 | 91.7 | 91.7 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 14000 | 91.7 | 91.7 | 91.7 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 12000 | 91.7 | 91.7 | 91.7 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 10000 | 93.3 | 93.3 | 93.3 | 94.2 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 9000 | 93.3 | 93.3 | 93.3 | 94.2 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 8000 | 95.8 | 95.8 | 95.8 | 96.7 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 7000 | 95.8 | 95.8 | 95.8 | 96.7 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 6000 | 97.5 | 97.5 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 5000 | 97.5 | 97.5 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4500 | 97.5 | 97.5 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4000 | 97.5 | 97.5 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3500 | 97.5 | 97.5 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 3000 | 97.5 | 97.5 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2500 | 97.5 | 97.5 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 2000 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.5 | 98.3 | 98.3 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 120

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

STATION NAME

73-75,77

YEARS

SEP
MONTH

10

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 0 |
| NO CEILING | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 20000 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| AI 18000 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| AI 16000 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| AI 14000 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| AI 12000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| AI 10000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| AI 9000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| AI 8000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| AI 7000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| AI 6000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| AI 5000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 4000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 3000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 2000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1800 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1200 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 1000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 900 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 800 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 700 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 600 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 400 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 300 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 200 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 100 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AI 0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

120

DIRNAVOCEANMET

SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-75,77

YEARS

SEP
MONTH

13
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ |
| NO CEILING | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 20000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 18000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 16000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 14000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 12000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 10000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 9000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 8000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 7000 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 6000 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

120

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-75, 77

YEARS

SEP
MONTH

16
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ 0 |
| NO CEILING | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 20000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 18000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 16000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 14000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 12000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 10000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 9000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 8000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 7000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 6000 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 5000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

120

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION

FALLON, NEVADA

STATION NAME

73-75, 77

YEARS

SEP

MONTH

19

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 80.8 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 20000 | 86.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 18000 | 86.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 16000 | 86.7 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 14000 | 87.5 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 12000 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 10000 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 9000 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 8000 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 7000 | 94.2 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 6000 | 95.8 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 5000 | 96.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4500 | 96.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 4000 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3500 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 3000 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03102
STATIONFALLON, NEVADA
STATION NAME

72-75, 77

YEARS

SEP
MONTH22
HOURS (L S T)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 90.0 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 20000 | 90.8 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 18000 | 90.8 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 16000 | 90.8 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 14000 | 90.8 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 12000 | 94.2 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 10000 | 96.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 9000 | 96.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 8000 | 96.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 7000 | 96.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 6000 | 97.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 5000 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

120

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102 STATION

FALLON, NEVADA

STATION NAME

73-75,77

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 86.4 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 20000 | 91.1 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 18000 | 91.1 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 16000 | 91.1 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 14000 | 91.3 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 92.0 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 12000 | 93.2 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 10000 | 94.5 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 9000 | 94.5 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 8000 | 95.4 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 7000 | 95.7 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.4 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 6000 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 5000 | 98.5 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 4500 | 98.6 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 4000 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 3500 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 3000 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2500 | 98.8 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 2000 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1800 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1500 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1200 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1000 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 900 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 800 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 700 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 600 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 500 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 400 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 300 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 200 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 100 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

722

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

FALLON, NEVADA

STATION NAME

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 20000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 18000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 16000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 14000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 12000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 9000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 8000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 7000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77
YEARS

07
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 20000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 18000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 16000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 14000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 12000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 10000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 9000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 8000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 7000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 6000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 5000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 4500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 4000 | 96.8 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3500 | 97.4 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.7 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 20000 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 18000 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 16000 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 14000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 12000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 10000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 9000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 8000 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| 7000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 6000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 5000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 4500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 4000 | 97.4 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 3500 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 3000 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 2500 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 2000 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102

FALLON, NEVADA

73-77

STATION NAME

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13

HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 2000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 18000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 16000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 14000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 12000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 10000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 9000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| 8000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 7000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 6000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 5000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| 4500 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 4000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 3500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 3000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 2500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 20000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 18000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| 16000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 14000 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| 12000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 10000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 9000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 8000 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 7000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| 6000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 5000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 4500 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 4000 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 78.1 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 20000 | 84.5 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 18000 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 16000 | 85.2 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 14000 | 85.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 12000 | 90.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 10000 | 92.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 9000 | 92.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 8000 | 93.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 7000 | 94.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 6000 | 94.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 5000 | 95.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 4500 | 96.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 4000 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3500 | 97.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 3000 | 98.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 2500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 51.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 20000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 18000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 16000 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 14000 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 12000 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 10000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 9000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 8000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 7000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 6000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 5000 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4500 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 4000 | 96.1 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 3500 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 96.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 2500 | 96.8 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1800 | 96.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 20000 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 18000 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| 16000 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| 14000 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 12000 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 10000 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| 9000 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 8000 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 7000 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 6000 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| 5000 | 95.5 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 4500 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 4000 | 97.3 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 3500 | 97.9 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 3000 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 2500 | 98.7 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 2000 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1800 | 98.9 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 1500 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1200 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1000 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

933

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

TEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

NDV
MONTH

07
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 | ≥ 0 |
| NO CEILING | 60.4 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 20000 | 68.5 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.8 | 69.8 | 70.5 | 70.5 |
| ≥ 18000 | 68.5 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.8 | 69.8 | 70.5 | 70.5 |
| ≥ 16000 | 68.5 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.8 | 69.8 | 70.5 | 70.5 |
| ≥ 14000 | 71.1 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 72.5 | 72.5 | 73.2 | 73.2 |
| ≥ 12000 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 75.2 | 75.2 | 75.8 | 75.8 |
| ≥ 10000 | 79.9 | 80.5 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.9 | 81.9 | 82.6 | 82.6 |
| ≥ 9000 | 81.9 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.9 | 83.9 | 84.6 | 84.6 |
| ≥ 8000 | 84.6 | 85.2 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.6 | 86.6 | 87.3 | 87.3 |
| ≥ 7000 | 85.2 | 85.9 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 87.3 | 87.3 | 87.9 | 87.9 |
| ≥ 6000 | 85.9 | 86.6 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.9 | 87.9 | 88.6 | 88.6 |
| ≥ 5000 | 91.3 | 92.0 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 93.3 | 93.3 | 94.0 | 94.0 |
| ≥ 4500 | 91.3 | 92.0 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 93.3 | 93.3 | 94.0 | 94.0 |
| ≥ 4000 | 94.6 | 95.3 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.6 | 96.6 | 97.3 | 97.3 |
| ≥ 3500 | 95.3 | 96.0 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 97.3 | 97.3 | 98.0 | 98.0 |
| ≥ 3000 | 96.0 | 96.6 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.0 | 98.0 | 98.7 | 98.7 |
| ≥ 2500 | 96.6 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.7 | 98.7 | 99.3 | 99.3 |
| ≥ 2000 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 1800 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 1500 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 1200 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 1000 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 900 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 800 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 700 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 600 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 500 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 400 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 300 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 200 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| ≥ 100 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |
| 0 | 97.3 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.3 | 99.3 | 100.0 | 100.0 |

149

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

TEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 20000 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 18000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 16000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 14000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 12000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 10000 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 9000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 8000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 7000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 6000 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 5000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4500 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 4000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 20000 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 18000 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 16000 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 14000 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 12000 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 10000 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 9000 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 8000 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 7000 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 6000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 5000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 4500 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4000 | 96.6 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 3500 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

149

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 20000 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 18000 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 16000 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 14000 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 12000 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 10000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 9000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 8000 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 7000 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 6000 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 5000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 4500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

NOV
MONTH

19
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 20000 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 18000 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 16000 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 14000 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 12000 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 10000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 9000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 8000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 7000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 6000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 5000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4500 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 4000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 3500 | 96.6 | 96.6 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 3000 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2500 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 2000 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 200 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 100 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 0 | 98.0 | 98.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

149

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

NOV
MONTH

22

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 20000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 18000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 16000 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 14000 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 12000 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 10000 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 9000 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 8000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 7000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 6000 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 5000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 4500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 4000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 3500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1800 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1500 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 98.7 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

149

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03102
STATION

FALLON, NEVADA

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/5 | ≥ 1/10 | ≥ 0 |
| NO CEILING | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 |
| ≥ 20000 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.3 |
| 18000 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 74.0 |
| 16000 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.4 |
| 14000 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.7 |
| 12000 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 79.0 |
| 10000 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.6 |
| 9000 | 84.6 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 85.0 |
| 8000 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 |
| 7000 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.6 |
| 6000 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 90.0 |
| 5000 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.6 |
| 4500 | 94.8 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.3 |
| 4000 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 |
| 3500 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1 |
| 3000 | 98.4 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 |
| 2500 | 98.6 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 |
| 2000 | 98.7 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| 1800 | 98.7 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| 1500 | 98.7 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| 1200 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 |
| 1000 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 |
| 900 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 800 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 700 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 600 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 500 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 400 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 300 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 200 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 100 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| 0 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS

896

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

5703 CEILING VERSUS VISIBILITY JAN 78

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

YEARS

DEC
MONTH

04
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ |
| NO CEILING | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 52.4 | 52.4 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 55.0 | 55.0 | 57.1 | 57.1 | 59.1 |
| ≥ 20000 | 62.1 | 63.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 65.8 | 65.8 | 67.8 | 67.8 | 69.8 |
| ≥ 18000 | 63.1 | 63.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 65.8 | 65.8 | 67.8 | 67.8 | 69.8 |
| ≥ 16000 | 63.8 | 63.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 66.4 | 66.4 | 68.5 | 68.5 | 70.5 |
| ≥ 14000 | 66.4 | 66.4 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 69.1 | 69.1 | 71.1 | 71.1 | 73.8 |
| ≥ 12000 | 71.8 | 71.8 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 74.5 | 74.5 | 76.5 | 76.5 | 79.2 |
| ≥ 10000 | 75.8 | 75.8 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 79.2 | 79.2 | 81.2 | 81.2 | 83.9 |
| ≥ 9000 | 76.5 | 76.5 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 79.9 | 79.9 | 81.9 | 81.9 | 84.6 |
| ≥ 8000 | 79.9 | 79.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 83.2 | 83.2 | 85.2 | 85.2 | 87.9 |
| ≥ 7000 | 79.9 | 79.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 83.2 | 83.2 | 85.2 | 85.2 | 87.9 |
| ≥ 6000 | 82.6 | 82.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 85.9 | 85.9 | 87.9 | 87.9 | 90.6 |
| ≥ 5000 | 84.6 | 84.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 87.9 | 87.9 | 89.9 | 89.9 | 92.6 |
| ≥ 4500 | 85.9 | 85.9 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 89.3 | 89.3 | 91.3 | 91.3 | 94.0 |
| ≥ 4000 | 87.9 | 87.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 91.3 | 91.3 | 93.3 | 93.3 | 96.0 |
| ≥ 3500 | 88.6 | 88.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 92.0 | 92.0 | 94.0 | 94.0 | 96.6 |
| ≥ 3000 | 88.6 | 88.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 92.0 | 92.0 | 94.0 | 94.0 | 96.6 |
| ≥ 2500 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 2000 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 1800 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 1500 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 1200 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 1000 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 900 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 800 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 700 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 600 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 500 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 400 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 300 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 200 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 100 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |
| ≥ 0 | 89.3 | 89.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 92.6 | 92.6 | 94.6 | 94.6 | 97.3 |

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 61.4 |
| ≥ 20000 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.3 |
| 18000 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.9 |
| 16000 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.6 |
| 14000 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.5 |
| 12000 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 80.4 |
| 10000 | 81.7 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 83.0 | 83.0 | 83.0 | 83.0 | 83.7 | 83.7 | 83.7 | 84.3 |
| 9000 | 81.7 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 83.0 | 83.0 | 83.0 | 83.0 | 83.7 | 83.7 | 83.7 | 84.3 |
| 8000 | 84.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 86.3 | 86.3 | 86.3 | 86.3 | 86.9 | 86.9 | 86.9 | 87.6 |
| 7000 | 85.0 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.9 | 86.9 | 86.9 | 86.9 | 87.6 | 87.6 | 87.6 | 88.2 |
| 6000 | 85.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.6 | 87.6 | 87.6 | 87.6 | 88.2 | 88.2 | 88.2 | 88.9 |
| 5000 | 87.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.5 | 89.5 | 89.5 | 89.5 | 90.2 | 90.2 | 90.2 | 90.9 |
| 4500 | 89.5 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.5 | 91.5 | 91.5 | 91.5 | 92.2 | 92.2 | 92.2 | 92.8 |
| 4000 | 90.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.8 | 92.8 | 92.8 | 93.5 |
| 3500 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.8 |
| 3000 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.8 |
| 2500 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.8 |
| 2000 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.8 |
| 1800 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.8 |
| 1500 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.8 |
| 1200 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.8 |
| 1000 | 91.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 95.4 |
| 900 | 91.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 95.4 |
| 800 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 700 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 600 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 500 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 400 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 300 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 200 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 100 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |
| 0 | 91.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 96.1 |

TOTAL NUMBER OF OBSERVATIONS

153

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 0 |
| NO CEILING | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 20000 | 64.7 | 64.7 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| 18000 | 65.4 | 65.4 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| 16000 | 66.7 | 66.7 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| 14000 | 68.6 | 68.6 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| 12000 | 72.6 | 72.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| 10000 | 78.4 | 78.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| 9000 | 79.1 | 79.1 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| 8000 | 83.0 | 83.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| 7000 | 84.3 | 84.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| 6000 | 85.0 | 85.0 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 5000 | 88.2 | 88.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| 4500 | 90.2 | 90.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 4000 | 91.5 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 3500 | 92.8 | 92.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 3000 | 94.1 | 94.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 2500 | 94.1 | 94.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 2000 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 1800 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 1500 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 1200 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 1000 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 900 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 800 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 700 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 600 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 500 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 400 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 300 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 200 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 100 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 0 | 94.8 | 94.8 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |

TOTAL NUMBER OF OBSERVATIONS

153

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | ≥ 0 |
| NO CEILING | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 20000 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 18000 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 16000 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 14000 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 12000 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 10000 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 9000 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 8000 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 7000 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 6000 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 5000 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 4500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 4000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3500 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 3000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 2000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 300 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 200 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 100 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS

153

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

73-77

YEARS

DEC
MONTH

19
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ |
| NO CEILING | 63.7 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 20000 | 67.8 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 18000 | 68.5 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 16000 | 70.6 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 72.6 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 12000 | 75.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 10000 | 79.5 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 9000 | 80.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 8000 | 84.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 7000 | 84.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 6000 | 85.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 5000 | 89.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 4500 | 91.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 4000 | 91.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3500 | 93.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 3000 | 93.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2500 | 93.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 2000 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1800 | 94.5 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 300 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 200 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 100 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 0 | 94.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS

146

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC
MONTH

22

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.9 |
| ≥ 20000 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 76.1 | 76.1 | 76.1 | 76.1 | 76.8 |
| ≥ 18000 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.8 | 76.8 | 76.8 | 76.8 | 77.5 |
| ≥ 16000 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.9 | 78.9 | 78.9 | 78.9 | 79.6 |
| ≥ 14000 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.9 | 78.9 | 78.9 | 78.9 | 79.6 |
| ≥ 12000 | 81.0 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 82.4 | 82.4 | 82.4 | 82.4 | 83.1 |
| ≥ 10000 | 83.1 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 84.5 | 84.5 | 84.5 | 84.5 | 85.2 |
| ≥ 9000 | 85.2 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.6 | 86.6 | 86.6 | 86.6 | 87.3 |
| ≥ 8000 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.9 |
| ≥ 7000 | 89.4 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.9 | 90.9 | 90.9 | 90.9 | 91.6 |
| ≥ 6000 | 90.9 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 92.3 | 92.3 | 92.3 | 92.3 | 93.0 |
| ≥ 5000 | 93.0 | 93.7 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 95.1 | 95.1 | 95.1 | 95.1 | 95.8 |
| ≥ 4500 | 94.4 | 95.1 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 97.2 |
| ≥ 4000 | 95.1 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.9 |
| ≥ 3500 | 95.1 | 95.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.9 |
| ≥ 3000 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 2500 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 2000 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 1800 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 1500 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 1200 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 1000 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 900 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 800 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 700 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 600 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 500 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 400 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 300 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 200 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| ≥ 100 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |
| 0 | 95.8 | 97.2 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.6 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS

142

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93102
STATION

FALLON, NEVADA

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 58.4 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 59.0 | 59.0 | 59.0 | 59.4 | 59.7 |
| ≥ 20000 | 67.6 | 67.9 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.5 | 68.6 | 68.6 | 69.0 | 69.3 |
| ≥ 18000 | 68.2 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.8 | 68.9 | 68.9 | 69.1 | 69.2 | 69.2 | 69.5 | 69.9 |
| ≥ 16000 | 69.4 | 69.6 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.3 | 70.4 | 70.4 | 70.8 | 71.1 |
| ≥ 14000 | 71.7 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.5 | 72.7 | 72.7 | 73.0 | 73.3 |
| ≥ 12000 | 75.7 | 76.0 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.8 | 76.9 | 76.9 | 77.3 | 77.7 |
| ≥ 10000 | 80.0 | 80.5 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.4 | 81.5 | 81.5 | 81.9 | 82.3 |
| ≥ 9000 | 81.0 | 81.5 | 81.9 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.4 | 82.5 | 82.5 | 82.9 | 83.3 |
| ≥ 8000 | 84.3 | 84.8 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.7 | 85.8 | 85.8 | 86.3 | 86.6 |
| ≥ 7000 | 84.7 | 85.3 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 86.2 | 86.3 | 86.3 | 86.7 | 87.1 |
| ≥ 6000 | 86.4 | 86.9 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.8 | 88.0 | 88.0 | 88.4 | 88.7 |
| ≥ 5000 | 88.7 | 89.4 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.4 | 90.5 | 90.5 | 91.0 | 91.3 |
| ≥ 4500 | 90.5 | 91.2 | 91.7 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.2 | 92.3 | 92.3 | 92.8 | 93.1 |
| ≥ 4000 | 92.0 | 92.6 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.6 | 93.8 | 93.8 | 94.2 | 94.5 |
| ≥ 3500 | 92.8 | 93.5 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.5 | 94.6 | 94.6 | 95.1 | 95.4 |
| ≥ 3000 | 93.5 | 94.5 | 95.1 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.7 | 95.8 | 95.8 | 96.2 | 96.5 |
| ≥ 2500 | 93.8 | 94.8 | 95.3 | 95.4 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.9 | 96.0 | 96.0 | 96.4 | 96.8 |
| ≥ 2000 | 94.0 | 95.1 | 95.7 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 97.1 |
| ≥ 1800 | 94.0 | 95.1 | 95.7 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 97.1 |
| ≥ 1500 | 94.0 | 95.2 | 95.9 | 96.0 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.4 | 96.7 | 96.7 | 97.2 | 97.5 |
| ≥ 1200 | 94.0 | 95.2 | 95.9 | 96.0 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.4 | 96.7 | 96.7 | 97.2 | 97.5 |
| ≥ 1000 | 94.0 | 95.3 | 96.1 | 96.2 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 | 96.8 | 97.1 | 97.1 | 97.7 | 98.0 |
| ≥ 900 | 94.0 | 95.3 | 96.1 | 96.2 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 | 96.8 | 97.1 | 97.1 | 97.7 | 98.0 |
| ≥ 800 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.1 | 97.4 | 97.4 | 98.1 | 98.6 |
| ≥ 700 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.1 | 97.4 | 97.4 | 98.1 | 98.6 |
| ≥ 600 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.1 | 97.4 | 97.4 | 98.1 | 98.6 |
| ≥ 500 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | 98.3 | 98.9 |
| ≥ 400 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | 98.3 | 98.9 |
| ≥ 300 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | 98.3 | 98.9 |
| ≥ 200 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | 98.3 | 98.9 |
| ≥ 100 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | 98.3 | 98.9 |
| 0 | 94.0 | 95.4 | 96.2 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | 98.3 | 98.9 |

896

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93102
STATION

FALLON, NEVADA
STATION NAME

73-77

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (15.5)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | 67.9 | 68.1 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 |
| ≥ 20000 | 75.8 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 |
| ≥ 18000 | 76.3 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 |
| ≥ 16000 | 76.8 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 |
| ≥ 14000 | 76.1 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 |
| ≥ 12000 | 81.1 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 |
| ≥ 10000 | 84.4 | 84.7 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 |
| ≥ 9000 | 85.0 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.8 |
| ≥ 8000 | 87.2 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 |
| ≥ 7000 | 87.7 | 88.0 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.6 |
| ≥ 6000 | 89.0 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 |
| ≥ 5000 | 91.8 | 92.3 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 93.0 |
| ≥ 4500 | 92.9 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 94.0 |
| ≥ 4000 | 95.0 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 |
| ≥ 3500 | 95.7 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 |
| ≥ 3000 | 96.5 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 2500 | 96.8 | 97.5 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 2000 | 97.0 | 97.9 | 98.1 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 |
| ≥ 1800 | 97.0 | 97.9 | 98.1 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 |
| ≥ 1500 | 97.1 | 98.0 | 98.3 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 |
| ≥ 1200 | 97.1 | 98.1 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 |
| ≥ 1000 | 97.1 | 98.1 | 98.5 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 |
| ≥ 900 | 97.1 | 98.1 | 98.5 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 |
| ≥ 800 | 97.1 | 98.2 | 98.5 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 |
| ≥ 700 | 97.2 | 98.2 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 |
| ≥ 600 | 97.2 | 98.2 | 98.5 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 |
| ≥ 500 | 97.2 | 98.2 | 98.5 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 |
| ≥ 400 | 97.2 | 98.2 | 98.5 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.7 |
| ≥ 300 | 97.2 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.8 |
| ≥ 200 | 97.2 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.9 |
| ≥ 100 | 97.2 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.9 |
| ≥ 0 | 97.2 | 98.2 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 100.0 |

10749

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

2

93102

FALLON, NEVADA

73-77

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|------|-----|------|-----|-----|-----|-----|------|------|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAY | 01 | | | | | | | | | | | | | |
| | 04 | 100.0 | | | | | | | | | | | .0 | 1 |
| | 07 | 27.1 | 11.6 | 7.7 | 6.5 | 7.1 | .6 | 1.9 | 4.5 | 11.0 | 6.5 | 15.5 | 4.2 | 155 |
| | 10 | 23.2 | 7.7 | 7.1 | 8.4 | 5.2 | 5.2 | 5.2 | 2.6 | 9.0 | 7.7 | 18.7 | 4.7 | 155 |
| | 13 | 19.4 | 7.7 | 9.0 | 5.2 | 3.2 | 2.6 | 5.8 | 7.1 | 9.7 | 11.0 | 19.4 | 5.2 | 155 |
| | 16 | 16.1 | 5.8 | 7.1 | 6.5 | 6.5 | 3.2 | 3.9 | 8.4 | 10.3 | 11.0 | 21.3 | 5.6 | 155 |
| | 19 | 15.5 | 5.2 | 5.2 | 5.2 | 9.0 | 6.5 | 6.5 | 6.5 | 9.0 | 12.3 | 19.4 | 5.6 | 155 |
| | 22 | 29.0 | 5.2 | 8.4 | 11.0 | 3.9 | 5.2 | 4.5 | 7.1 | 3.2 | 2.6 | 20.0 | 4.2 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 32.9 | 6.2 | 6.4 | 6.1 | 5.0 | 3.3 | 4.0 | 5.2 | 7.5 | 7.3 | 16.3 | 4.2 | 931 |

NAVWEASERVCOM

PRINTED BY THE SINGAPORE REFINERY COMPANY, LTD.

SKY COVER

AUG
MONTH

73-77

93102 FALLON, NEVADA

MONTH

PERIOD

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|------|-----|------|-----|-----|-----|-----|-----|-----|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| AUG | 01 | 33.3 | 33.3 | | 33.3 | | | | | | | 1.3 | 3 | 3 |
| | 04 | 66.7 | 33.3 | | | | | | | | | .3 | 3 | 3 |
| | 07 | 51.6 | 8.4 | 9.0 | 6.5 | 2.6 | .6 | 1.3 | 3.2 | 5.2 | 3.2 | 2.4 | 155 | 155 |
| | 10 | 49.0 | 10.3 | 5.8 | 5.8 | 4.5 | 4.5 | .6 | 3.9 | 3.9 | 2.6 | 2.6 | 155 | 155 |
| | 13 | 41.3 | 9.0 | 9.0 | 11.0 | 3.9 | 3.9 | 2.6 | 1.3 | 3.2 | 5.2 | 2.9 | 155 | 155 |
| | 16 | 32.9 | 9.0 | 5.2 | 7.1 | 3.2 | 2.6 | 5.2 | 7.1 | 7.7 | 5.2 | 4.0 | 155 | 155 |
| | 19 | 33.5 | 9.7 | 4.5 | 9.7 | .6 | 5.8 | 2.6 | 3.9 | 5.8 | 6.5 | 4.0 | 155 | 155 |
| | 22 | 51.0 | 5.8 | 2.6 | 3.9 | 5.2 | 5.2 | 3.9 | 5.2 | 2.6 | 1.9 | 3.0 | 155 | 155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 44.9 | 14.9 | 4.5 | 9.7 | 2.5 | 2.8 | 2.0 | 3.1 | 3.6 | 3.1 | 2.6 | 936 | 936 |

SKY COVER

Q
W
S

MONTH

73-75, 77

PERIOD

FALLON, NEVADA

STATION NAME

2016

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|------|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| SEP | 01 | | | | | | | | | | | | | |
| | 04 | 100.0 | | | | | | | | | | | .0 | 2 |
| | 07 | 60.8 | 10.0 | 3.3 | 8.3 | 2.5 | 1.7 | | 2.5 | 2.5 | 3.3 | 5.0 | 1.8 | 120 |
| | 10 | 65.0 | 6.7 | 5.0 | 3.3 | .8 | 3.3 | 3.3 | 3.3 | 2.5 | 2.5 | 4.2 | 1.7 | 120 |
| | 13 | 57.5 | 8.3 | 4.2 | 5.0 | | 5.0 | 2.5 | 5.0 | 4.2 | 2.5 | 5.8 | 2.2 | 120 |
| | 16 | 52.5 | 9.2 | 7.5 | 3.3 | 4.2 | 2.5 | 5.0 | 3.3 | 2.5 | 4.2 | 5.8 | 2.3 | 120 |
| | 19 | 54.2 | 10.0 | 6.7 | 5.0 | 2.5 | 2.5 | 1.7 | 5.0 | 5.0 | 1.7 | 5.8 | 2.2 | 120 |
| | 22 | 65.0 | 7.5 | 5.8 | 5.0 | 3.3 | 3.3 | 2.5 | 3.3 | .8 | | 3.3 | 1.4 | 120 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 65.0 | 7.4 | 4.6 | 4.3 | 1.9 | 2.6 | 2.1 | 3.2 | 2.5 | 2.0 | 4.3 | 1.7 | 722 |

SKY COVER

5704 SKY COVER JAN 68

OCT

73-77

FALLON, NEVADA

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|------|------|------|-----|-----|------|-----|-----|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| OCT | 01 | | | | | | | | | | | | |
| | 04 | 66.7 | | | | | | | 33.3 | | | 2.3 | 3 |
| | 07 | 39.4 | 11.0 | 5.8 | 2.6 | 1.3 | 1.3 | 5.8 | 5.8 | 7.1 | 7.1 | 12.9 | 155 |
| | 10 | 34.8 | 11.0 | 3.9 | 9.0 | 1.9 | 3.2 | 4.5 | 4.5 | 7.1 | 5.2 | 14.8 | 155 |
| | 13 | 25.8 | 7.1 | 5.8 | 12.9 | 11.0 | 4.5 | 1.9 | 4.5 | 6.5 | 4.5 | 15.5 | 155 |
| | 16 | 26.5 | 7.7 | 11.0 | 7.1 | 7.1 | 3.9 | 5.8 | 3.9 | 7.7 | 6.5 | 12.9 | 155 |
| | 19 | 43.2 | 7.7 | 7.7 | 7.7 | 1.9 | 1.3 | 2.6 | 5.2 | 1.9 | 6.5 | 14.2 | 155 |
| | 22 | 54.8 | 9.0 | 3.9 | 3.9 | .6 | 1.9 | 2.6 | 2.6 | 3.9 | 1.9 | 14.8 | 155 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 41.6 | 7.6 | 5.4 | 6.2 | 3.4 | 2.3 | 3.3 | 8.5 | 4.9 | 4.5 | 12.2 | 933 |

SKY COVER

5704 SKY COVER JAN 68

ALL

73-77

93102 FALLON, NEVADA

MONTH

PERIOD

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|------|-----|-----|------|-----|------|-----|------|-----|--------------------------------|-------------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | ALL | 18.4 | 6.0 | 4.2 | 4.0 | 16.0 | 2.7 | 3.0 | 3.8 | 6.3 | 4.1 | 31.5 | 5.5 | 921 |
| FEB | | 26.6 | 4.7 | 4.3 | 4.6 | 3.2 | 3.0 | 4.0 | 5.1 | 6.7 | 6.9 | 31.0 | 5.4 | 846 |
| MAR | | 15.5 | 5.7 | 7.8 | 5.9 | 2.5 | 3.6 | 3.4 | 5.2 | 8.9 | 7.3 | 34.3 | 6.0 | 936 |
| APR | | 15.6 | 4.8 | 5.5 | 5.2 | 12.4 | 4.5 | 4.7 | 6.0 | 7.2 | 5.2 | 28.9 | 5.7 | 902 |
| MAY | | 32.9 | 6.2 | 6.4 | 6.1 | 5.0 | 3.3 | 4.0 | 5.2 | 7.5 | 7.3 | 16.3 | 4.2 | 931 |
| JUN | | 41.8 | 8.8 | 7.3 | 5.1 | 3.3 | 4.7 | 2.8 | 4.3 | 5.1 | 5.4 | 11.4 | 3.3 | 900 |
| JUL | | 36.6 | 9.1 | 8.8 | 6.2 | 4.2 | 3.0 | 16.1 | 3.2 | 3.8 | 4.3 | 4.6 | 3.1 | 930 |
| AUG | | 44.9 | 14.9 | 4.5 | 9.7 | 2.5 | 2.8 | 2.0 | 3.1 | 3.6 | 3.1 | 9.0 | 2.6 | 936 |
| SEP | | 65.0 | 7.4 | 4.6 | 4.3 | 1.9 | 2.6 | 2.1 | 3.2 | 2.5 | 2.0 | 4.3 | 1.7 | 722 |
| OCT | | 41.6 | 7.6 | 5.4 | 6.2 | 3.4 | 2.3 | 3.3 | 8.5 | 4.9 | 4.5 | 12.2 | 3.4 | 933 |
| NOV | | 16.2 | 5.0 | 5.8 | 5.5 | 4.8 | 3.0 | 4.7 | 5.9 | 21.4 | 7.2 | 20.5 | 5.8 | 896 |
| DEC | | 20.3 | 6.4 | 5.7 | 6.6 | 4.1 | 3.0 | 3.5 | 5.5 | 7.6 | 7.8 | 29.7 | 5.6 | 896 |
| TOTALS | | 31.3 | 7.2 | 5.9 | 5.8 | 5.3 | 3.2 | 4.5 | 4.9 | 7.1 | 5.4 | 19.5 | 4.4 | 10749 |

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperatures combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.
- NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.
 6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

93102
STATION

FALLON, NEVADA STATION

STATION NAME

45-66, 54-77

YEARS

HUMANITARIAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|
| 105 | | | | | | 2.5 | .3 | 4.2 | .9 | | | | .0 |
| 100 | | | | | | 12.9 | 8.1 | 30.0 | 3.3 | | | | 1.4 |
| 95 | | | | | .3 | 31.8 | 41.2 | 63.3 | 18.9 | | | | 7.3 |
| 90 | | | | .1 | 3.8 | 51.4 | 74.6 | 81.9 | 42.9 | .3 | | | 16.0 |
| 85 | | | | .9 | 15.2 | 68.9 | 91.0 | 92.2 | 64.8 | 2.7 | | | 23.6 |
| 80 | | | .4 | 6.7 | 34.4 | 97.6 | 97.6 | 96.5 | 76.5 | 15.6 | .1 | | 31.4 |
| 75 | | | 4.1 | 19.0 | 53.1 | 98.9 | 98.9 | 98.5 | 88.9 | 30.8 | .8 | | 38.1 |
| 70 | .3 | 1.0 | 9.3 | 32.5 | 68.5 | 91.9 | 99.5 | 98.5 | 95.3 | 51.8 | 5.1 | .1 | 45.2 |
| 65 | 1.2 | 6.8 | 24.3 | 50.0 | 81.0 | 96.8 | 100.0 | 100.0 | 98.3 | 68.4 | 16.4 | 1.7 | 53.1 |
| 60 | 5.9 | 18.7 | 41.3 | 66.4 | 89.5 | 98.9 | | | 98.3 | 82.5 | 33.9 | 7.0 | 61.6 |
| 55 | 16.7 | 36.0 | 60.1 | 79.8 | 95.8 | 99.9 | | | 99.8 | 92.7 | 52.9 | 17.9 | 70.7 |
| 50 | 32.0 | 58.1 | 75.6 | 90.6 | 98.4 | 100.0 | | | 100.0 | 96.4 | 72.4 | 36.2 | 79.7 |
| 45 | 53.0 | 76.5 | 88.5 | 97.7 | 100.0 | | | | | 98.7 | 87.1 | 59.4 | 88.3 |
| 40 | 70.0 | 89.9 | 96.9 | 99.6 | | | | | | 99.6 | 95.6 | 74.9 | 93.8 |
| 35 | 85.6 | 96.6 | 99.7 | 100.0 | | | | | | 99.9 | 98.3 | 87.4 | 97.2 |
| 30 | 94.1 | 99.0 | 100.0 | | | | | | | 100.0 | 99.3 | 95.7 | 99.0 |
| 25 | 97.3 | 99.6 | | | | | | | | | 99.9 | 98.2 | 99.6 |
| 20 | 99.3 | 100.0 | | | | | | | | | 100.0 | 99.0 | 99.9 |
| 15 | 99.7 | | | | | | | | | | | 99.4 | 99.9 |
| 10 | 100.0 | | | | | | | | | | | 99.7 | 100.0 |
| 5 | | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 44.8 | 51.2 | 57.0 | 64.1 | 74.0 | 83.8 | 92.6 | 90.4 | 81.4 | 69.0 | 55.1 | 45.7 | 67.4 |
| S.D. | 9.769 | 9.042 | 9.668 | 10.416 | 10.203 | 9.669 | 5.635 | 6.878 | 9.024 | 9.774 | 9.260 | 9.655 | 18.726 |
| TOTAL OBS. | 744 | 673 | 765 | 742 | 744 | 720 | 743 | 744 | 660 | 743 | 746 | 770 | 6794 |

NAVWEASERVCOM

DAILY TEMPERATURES

STATION 03102

FALLON, NEVADA
STATION

STATION NAME

45-46, 54-77

YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93102

FALLOW, NEVADA

STATION

STATION NAME

1946-1946 1955-1977

YEARS

JANUARY

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|-----|---------|------|--------------|------|---------|-----|-------|-------|
| | AVERAGE | | AVERAGE | | EXTREME | | AVERAGE | | EXTREME | | | |
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | DATE | |
| 1 | 28.3 | -2.1 | 40.5 | 4.7 | 56 | 13.3 | 1968* | 16.2 | -8.8 | -5 | -20.6 | 1975 |
| 2 | 27.0 | -2.8 | 39.0 | 3.9 | 64 | 17.8 | 1946 | 15.0 | -9.4 | -3 | -19.4 | 1975 |
| 3 | 26.9 | -2.8 | 39.5 | 4.2 | 60 | 15.6 | 1962 | 14.4 | -9.8 | -3 | -19.4 | 1975* |
| 4 | 27.2 | -2.7 | 39.9 | 4.4 | 62 | 16.7 | 1956 | 14.4 | -9.8 | -7 | -21.7 | 1972 |
| 5 | 28.6 | -1.9 | 41.5 | 5.3 | 58 | 14.4 | 1965 | 15.8 | -9.0 | -4 | -20.0 | 1971 |
| 6 | 29.8 | -1.2 | 42.3 | 5.7 | 62 | 16.7 | 1969 | 17.2 | -8.2 | 0 | -17.8 | 1972 |
| 7 | 30.5 | -0.8 | 43.5 | 6.4 | 69 | 20.6 | 1969 | 17.5 | -8.1 | -2 | -18.9 | 1973 |
| 8 | 30.7 | -0.7 | 42.7 | 5.9 | 61 | 16.1 | 1966 | 18.1 | -7.7 | 0 | -17.8 | 1973 |
| 9 | 31.0 | -0.6 | 43.5 | 6.4 | 61 | 16.1 | 1963* | 18.3 | -7.6 | -2 | -18.9 | 1972 |
| 10 | 32.0 | 0.0 | 43.8 | 6.6 | 63 | 17.2 | 1971 | 20.2 | -6.6 | 3 | -16.1 | 1972 |
| 11 | 31.0 | -0.6 | 42.8 | 6.0 | 62 | 16.7 | 1959 | 19.2 | -7.1 | -4 | -20.0 | 1963 |
| 12 | 32.9 | 0.5 | 44.7 | 7.1 | 62 | 16.7 | 1969 | 21.2 | -6.0 | -11 | -23.9 | 1963 |
| 13 | 33.2 | 0.7 | 45.4 | 7.4 | 57 | 13.9 | 1969 | 21.0 | -6.1 | -11 | -23.9 | 1963 |
| 14 | 33.7 | 0.9 | 45.9 | 7.7 | 58 | 14.4 | 1975 | 21.5 | -5.8 | 0 | -17.8 | 1963* |
| 15 | 35.9 | 2.2 | 48.7 | 9.3 | 67 | 19.4 | 1974 | 23.0 | -5.0 | 3 | -16.1 | 1962 |
| 16 | 35.1 | 1.7 | 47.7 | 8.7 | 59 | 15.0 | 1974 | 22.6 | -5.2 | 4 | -15.6 | 1962 |
| 17 | 34.3 | 1.3 | 47.7 | 8.7 | 61 | 16.1 | 1971* | 20.9 | -6.2 | 8 | -13.3 | 1963* |
| 18 | 35.7 | 2.1 | 47.5 | 8.6 | 72 | 22.2 | 1971 | 24.0 | -4.4 | 11 | -11.7 | 1966 |
| 19 | 35.5 | 1.9 | 48.1 | 8.9 | 70 | 21.1 | 1971 | 22.8 | -5.1 | -2 | -18.9 | 1963 |
| 20 | 35.4 | 1.9 | 47.0 | 8.3 | 61 | 16.1 | 1971 | 23.8 | -4.6 | 2 | -16.7 | 1963 |
| 21 | 33.6 | 0.9 | 44.9 | 7.2 | 63 | 17.2 | 1970 | 22.4 | -5.3 | 4 | -15.6 | 1962 |
| 22 | 33.1 | 0.6 | 45.7 | 7.6 | 61 | 16.1 | 1972* | 20.5 | -6.4 | -7 | -21.7 | 1962 |
| 23 | 33.8 | 1.0 | 47.2 | 8.4 | 67 | 19.4 | 1970 | 20.4 | -6.4 | -10 | -23.3 | 1962 |
| 24 | 34.9 | 1.6 | 47.3 | 8.5 | 67 | 19.4 | 1946 | 22.5 | -5.3 | -5 | -20.6 | 1962 |
| 25 | 35.2 | 1.8 | 47.7 | 8.7 | 69 | 20.6 | 1975 | 22.7 | -5.2 | 5 | -15.0 | 1973 |
| 26 | 33.6 | 0.9 | 45.6 | 7.6 | 60 | 15.6 | 1971 | 21.7 | -5.7 | 7 | -13.9 | 1973* |
| 27 | 32.0 | 0.0 | 44.2 | 6.8 | 60 | 15.6 | 1971 | 19.8 | -6.8 | 1 | -17.2 | 1973 |
| 28 | 32.2 | 0.1 | 45.1 | 7.3 | 59 | 15.0 | 1960 | 19.3 | -7.1 | 5 | -15.0 | 1973 |
| 29 | 33.0 | 0.6 | 45.7 | 7.6 | 64 | 17.8 | 1958 | 20.3 | -6.5 | -2 | -18.9 | 1957 |
| 30 | 33.7 | 0.9 | 46.0 | 7.8 | 64 | 17.8 | 1965 | 21.5 | -5.6 | -1 | -18.3 | 1957 |
| 31 | 34.4 | 1.3 | 47.1 | 8.4 | 65 | 18.3 | 1965 | 21.6 | -5.8 | 8 | -13.3 | 1946 |
| Monthly | 32.4 | 0.2 | 44.8 | 7.1 | 72 | 22.2 | 1971 | 20.0 | -6.7 | -11 | -23.9 | 1963 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 93102 FALLON, NEVADA 1946-1946 1955-1977 FEBRUARY MONTH
STATION NAME YEARS

| DAY | MEAN TEMP | | AVERAGE | | MAXIMUM TEMP | | EXTREME | | DATE | | AVERAGE | | MINIMUM TEMP | | EXTREME | | DATE | |
|---------|-----------|-----|---------|------|--------------|------|---------|-------|-------|-------|---------|------|--------------|-------|---------|-------|-------|-------|
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | DATE | DATE | ° F | ° C | ° F | ° C | ° F | ° C | DATE | DATE |
| 1 | 34.4 | 1.3 | 46.1 | 7.8 | 62 | 16.7 | 16.7 | 1971 | 1971 | 1971 | 22.7 | -5.2 | 9 | -12.8 | 1956 | 1956 | 1956 | 1956 |
| 2 | 34.2 | 1.2 | 46.0 | 7.8 | 60 | 15.6 | 15.6 | 1958 | 1958 | 1958 | 22.4 | -5.3 | 5 | -15.0 | 1972 | 1972 | 1972 | 1972 |
| 3 | 34.5 | 1.4 | 46.9 | 8.3 | 66 | 18.9 | 18.9 | 1963 | 1963 | 1963 | 21.6 | -5.8 | 10 | -12.2 | 1972* | 1972* | 1972* | 1972* |
| 4 | 35.9 | 2.2 | 49.6 | 9.8 | 73 | 22.8 | 22.8 | 1963 | 1963 | 1963 | 22.2 | -5.4 | 6 | -14.4 | 1955 | 1955 | 1955 | 1955 |
| 5 | 36.8 | 2.7 | 48.3 | 9.1 | 61 | 16.1 | 16.1 | 1965 | 1965 | 1965 | 25.2 | -3.8 | 14 | -10.0 | 1977 | 1977 | 1977 | 1977 |
| 6 | 36.1 | 2.3 | 48.3 | 9.1 | 61 | 16.1 | 16.1 | 1970 | 1970 | 1970 | 24.0 | -4.4 | 12 | -11.1 | 1964 | 1964 | 1964 | 1964 |
| 7 | 37.5 | 3.1 | 49.9 | 9.9 | 62 | 16.7 | 16.7 | 1963* | 1963* | 1963* | 25.4 | -3.7 | 11 | -11.7 | 1964 | 1964 | 1964 | 1964 |
| 8 | 37.9 | 3.3 | 51.4 | 10.8 | 61 | 16.1 | 16.1 | 1963 | 1963 | 1963 | 24.3 | -4.3 | 14 | -10.0 | 1964 | 1964 | 1964 | 1964 |
| 9 | 38.7 | 3.7 | 50.2 | 10.1 | 64 | 17.8 | 17.8 | 1961 | 1961 | 1961 | 27.0 | -2.8 | 12 | -11.1 | 1959 | 1959 | 1959 | 1959 |
| 10 | 38.9 | 3.8 | 50.6 | 10.3 | 71 | 21.7 | 21.7 | 1971 | 1971 | 1971 | 27.3 | -2.6 | 12 | -11.1 | 1965 | 1965 | 1965 | 1965 |
| 11 | 38.2 | 3.4 | 50.4 | 10.2 | 65 | 18.3 | 18.3 | 1971* | 1971* | 1971* | 26.3 | -3.2 | 13 | -10.6 | 1965 | 1965 | 1965 | 1965 |
| 12 | 38.5 | 3.6 | 51.6 | 10.9 | 68 | 20.0 | 20.0 | 1971 | 1971 | 1971 | 25.9 | -3.4 | 11 | -11.7 | 1946 | 1946 | 1946 | 1946 |
| 13 | 38.9 | 3.8 | 51.7 | 10.9 | 73 | 22.8 | 22.8 | 1971 | 1971 | 1971 | 26.2 | -3.2 | 12 | -11.1 | 1966* | 1966* | 1966* | 1966* |
| 14 | 38.4 | 3.6 | 50.2 | 10.1 | 71 | 21.7 | 21.7 | 1971 | 1971 | 1971 | 26.6 | -3.0 | 14 | -10.0 | 1964* | 1964* | 1964* | 1964* |
| 15 | 40.0 | 4.4 | 52.2 | 11.2 | 66 | 18.9 | 18.9 | 1958 | 1958 | 1958 | 27.5 | -2.5 | 18 | -7.8 | 1965 | 1965 | 1965 | 1965 |
| 16 | 38.7 | 3.7 | 51.0 | 10.6 | 72 | 22.2 | 22.2 | 1970 | 1970 | 1970 | 26.6 | -3.0 | 9 | -12.8 | 1956 | 1956 | 1956 | 1956 |
| 17 | 39.7 | 4.3 | 53.5 | 11.9 | 66 | 18.9 | 18.9 | 1977 | 1977 | 1977 | 26.0 | -3.3 | 13 | -10.6 | 1960 | 1960 | 1960 | 1960 |
| 18 | 38.9 | 3.8 | 51.9 | 11.1 | 67 | 19.4 | 19.4 | 1958 | 1958 | 1958 | 26.3 | -3.2 | 15 | -9.4 | 1956 | 1956 | 1956 | 1956 |
| 19 | 39.4 | 4.1 | 52.0 | 11.1 | 68 | 20.0 | 20.0 | 1972 | 1972 | 1972 | 26.7 | -2.9 | 10 | -12.2 | 1955 | 1955 | 1955 | 1955 |
| 20 | 38.6 | 3.7 | 51.7 | 10.9 | 65 | 18.3 | 18.3 | 1977 | 1977 | 1977 | 25.6 | -3.6 | 12 | -11.1 | 1967 | 1967 | 1967 | 1967 |
| 21 | 40.5 | 4.7 | 54.7 | 12.6 | 68 | 20.0 | 20.0 | 1965 | 1965 | 1965 | 26.3 | -3.2 | 13 | -10.6 | 1955 | 1955 | 1955 | 1955 |
| 22 | 40.2 | 4.6 | 53.0 | 11.7 | 67 | 19.4 | 19.4 | 1958 | 1958 | 1958 | 27.5 | -2.5 | 16 | -8.9 | 1975* | 1975* | 1975* | 1975* |
| 23 | 39.3 | 4.1 | 52.5 | 11.4 | 66 | 18.9 | 18.9 | 1968* | 1968* | 1968* | 26.1 | -3.3 | 13 | -10.6 | 1960 | 1960 | 1960 | 1960 |
| 24 | 40.1 | 4.5 | 54.7 | 12.6 | 67 | 19.4 | 19.4 | 1971 | 1971 | 1971 | 25.5 | -3.6 | 10 | -12.2 | 1955 | 1955 | 1955 | 1955 |
| 25 | 39.8 | 4.3 | 51.9 | 11.1 | 69 | 20.6 | 20.6 | 1963 | 1963 | 1963 | 27.3 | -2.6 | 17 | -8.3 | 1964* | 1964* | 1964* | 1964* |
| 26 | 39.2 | 4.0 | 52.8 | 11.6 | 68 | 20.0 | 20.0 | 1965 | 1965 | 1965 | 25.7 | -3.5 | 6 | -14.4 | 1962 | 1962 | 1962 | 1962 |
| 27 | 40.2 | 4.6 | 54.7 | 12.6 | 69 | 20.6 | 20.6 | 1972 | 1972 | 1972 | 25.8 | -3.4 | 5 | -15.0 | 1962 | 1962 | 1962 | 1962 |
| 28 | 41.8 | 5.4 | 56.0 | 13.3 | 69 | 20.6 | 20.6 | 1972 | 1972 | 1972 | 27.6 | -2.4 | 13 | -10.6 | 1971 | 1971 | 1971 | 1971 |
| 29 | 40.2 | 4.6 | 51.7 | 10.9 | 64 | 17.8 | 17.8 | 1968 | 1968 | 1968 | 28.8 | -1.8 | 14 | -10.0 | 1960 | 1960 | 1960 | 1960 |
| 30 | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | |
| Monthly | 38.4 | 3.6 | 51.2 | 10.7 | 73 | 22.8 | 22.8 | 1971* | 1971* | 1971* | 25.7 | -3.5 | 5 | -15.0 | 1972* | 1972* | 1972* | 1972* |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

93102

FALLOW, NEVADA

1945-1946 1955-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | MINIMUM TEMP | | | DATE |
|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------|
| | AVERAGE °F | AVERAGE °C | AVERAGE °F | EXTREME °F | EXTREME °C | AVERAGE °F | EXTREME °F | EXTREME °C | |
| 1 | 40.5 | 4.7 | 54.8 | 71 | 21.7 | 26.2 | 6 | -3.2 | 1967 |
| 2 | 38.7 | 3.7 | 51.2 | 65 | 18.3 | 26.1 | 11 | -3.3 | 1972* |
| 3 | 38.9 | 3.8 | 50.5 | 65 | 18.3 | 27.3 | 13 | -2.6 | 1972* |
| 4 | 38.6 | 3.7 | 50.9 | 67 | 19.4 | 26.2 | 16 | -3.2 | 1972* |
| 5 | 40.1 | 4.5 | 53.5 | 75 | 23.9 | 26.7 | 9 | -2.9 | 1972 |
| 6 | 41.3 | 5.2 | 53.7 | 75 | 23.9 | 28.9 | 9 | -1.7 | 1972 |
| 7 | 42.1 | 5.6 | 55.6 | 70 | 21.1 | 28.5 | 17 | -1.9 | 1957 |
| 8 | 42.8 | 6.0 | 57.1 | 75 | 23.9 | 28.6 | 13 | -1.9 | 1972 |
| 9 | 43.0 | 6.1 | 56.1 | 82 | 27.8 | 29.9 | 22 | -1.2 | 1972 |
| 10 | 41.7 | 5.4 | 55.1 | 72 | 22.2 | 28.3 | 16 | -2.1 | 1972 |
| 11 | 41.7 | 5.4 | 54.3 | 67 | 19.4 | 29.2 | 12 | -1.6 | 1972 |
| 12 | 43.1 | 6.2 | 56.0 | 71 | 21.7 | 30.2 | 13 | -1.0 | 1971 |
| 13 | 41.7 | 5.4 | 54.1 | 69 | 20.6 | 29.3 | 16 | -1.5 | 1970 |
| 14 | 41.5 | 5.3 | 55.2 | 71 | 21.7 | 27.9 | 10 | -2.3 | 1974 |
| 15 | 41.9 | 5.5 | 56.4 | 69 | 20.6 | 27.4 | 14 | -2.6 | 1974* |
| 16 | 43.3 | 6.3 | 57.1 | 71 | 21.7 | 29.5 | 12 | -1.4 | 1974* |
| 17 | 43.5 | 6.4 | 56.4 | 76 | 24.4 | 30.6 | 17 | -0.8 | 1972 |
| 18 | 42.3 | 5.7 | 56.9 | 70 | 21.1 | 27.6 | 17 | -2.4 | 1972* |
| 19 | 42.3 | 5.7 | 58.2 | 72 | 22.2 | 26.5 | 3 | -3.1 | 1960 |
| 20 | 44.1 | 6.7 | 58.5 | 77 | 25.0 | 29.6 | 14 | -1.3 | 1960 |
| 21 | 46.4 | 8.0 | 61.4 | 77 | 25.0 | 31.4 | 17 | -0.3 | 1960 |
| 22 | 46.7 | 8.2 | 61.2 | 79 | 26.1 | 32.2 | 19 | 0.1 | 1971 |
| 23 | 45.1 | 7.3 | 58.6 | 77 | 25.0 | 31.7 | 19 | -0.2 | 1960 |
| 24 | 45.2 | 7.3 | 59.7 | 77 | 25.0 | 30.7 | 21 | -0.7 | 1956 |
| 25 | 45.9 | 7.7 | 59.8 | 78 | 25.6 | 32.0 | 22 | 0.0 | 1960 |
| 26 | 45.9 | 7.7 | 59.2 | 75 | 23.9 | 32.5 | 16 | 0.3 | 1946 |
| 27 | 45.3 | 7.4 | 59.2 | 75 | 23.9 | 31.4 | 19 | -0.3 | 1957 |
| 28 | 45.3 | 7.4 | 58.9 | 75 | 23.9 | 31.8 | 14 | -0.1 | 1969* |
| 29 | 45.7 | 7.6 | 61.1 | 80 | 26.7 | 30.3 | 10 | -0.9 | 1971 |
| 30 | 47.5 | 8.6 | 62.7 | 79 | 26.1 | 32.3 | 16 | 0.2 | 1966 |
| 31 | 47.7 | 8.7 | 62.6 | 80 | 26.7 | 32.5 | 18 | -7.8 | 1966 |
| Monthly | 43.2 | 6.2 | 57.0 | 82 | 27.8 | 29.4 | 3 | -1.4 | 1972 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

93102
STATION

FALLOW, NEVADA
STATION NAME

1945-1946 1955-1977
YEARS

APRIL
MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|--------------|------|---------|-----|------|-------|
| | AVERAGE | | AVERAGE | | EXTREME | | AVERAGE | | EXTREME | | | |
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | DATE | |
| 1 | 44.5 | 6.9 | 57.5 | 14.2 | 85 | 29.4 | 1966 | 32.0 | 0.0 | 20 | -6.7 | 1970 |
| 2 | 44.0 | 6.7 | 57.2 | 14.0 | 80 | 26.7 | 1961 | 30.8 | -0.7 | 19 | -7.2 | 1976* |
| 3 | 47.2 | 8.4 | 62.0 | 16.7 | 88 | 31.1 | 1965 | 31.9 | -0.1 | 19 | -7.2 | 1977 |
| 4 | 48.7 | 9.3 | 64.5 | 18.1 | 80 | 26.7 | 1960* | 32.4 | 0.2 | 16 | -8.9 | 1955 |
| 5 | 51.1 | 10.6 | 66.0 | 18.9 | 82 | 27.8 | 1971 | 35.4 | 1.9 | 18 | -7.8 | 1955 |
| 6 | 50.0 | 10.0 | 63.3 | 17.4 | 82 | 27.8 | 1960 | 35.8 | 2.1 | 22 | -5.6 | 1955 |
| 7 | 48.6 | 9.2 | 61.6 | 16.4 | 83 | 28.3 | 1977 | 34.8 | 1.6 | 23 | -5.0 | 1972 |
| 8 | 49.1 | 9.5 | 64.4 | 18.0 | 82 | 27.8 | 1977 | 33.2 | 0.7 | 25 | -3.9 | 1973* |
| 9 | 49.7 | 9.8 | 64.6 | 18.1 | 80 | 26.7 | 1960 | 34.5 | 1.4 | 27 | -2.8 | 1976 |
| 10 | 49.7 | 9.8 | 63.5 | 17.5 | 80 | 26.7 | 1968 | 35.4 | 1.9 | 23 | -5.0 | 1945 |
| 11 | 48.5 | 9.2 | 63.2 | 17.3 | 78 | 25.6 | 1959* | 33.6 | 0.9 | 23 | -5.0 | 1963 |
| 12 | 48.9 | 9.4 | 64.2 | 17.9 | 79 | 26.1 | 1962 | 33.6 | 0.9 | 22 | -5.6 | 1955 |
| 13 | 48.2 | 9.0 | 63.5 | 17.5 | 85 | 29.4 | 1962 | 33.0 | 0.6 | 18 | -7.8 | 1972 |
| 14 | 49.7 | 9.8 | 64.1 | 17.8 | 85 | 29.4 | 1962 | 35.0 | 1.7 | 18 | -7.8 | 1972 |
| 15 | 50.5 | 10.3 | 65.2 | 18.4 | 80 | 26.7 | 1964 | 35.0 | 1.7 | 24 | -4.4 | 1955 |
| 16 | 50.4 | 10.2 | 64.9 | 18.3 | 84 | 28.9 | 1977* | 35.1 | 1.7 | 22 | -5.6 | 1963 |
| 17 | 50.0 | 10.0 | 64.4 | 18.0 | 84 | 28.9 | 1946 | 35.0 | 1.7 | 19 | -7.2 | 1963 |
| 18 | 47.9 | 8.8 | 61.0 | 16.1 | 84 | 28.9 | 1962 | 34.7 | 1.5 | 25 | -3.9 | 1972* |
| 19 | 48.3 | 9.1 | 61.9 | 16.6 | 80 | 26.7 | 1962* | 34.4 | 1.3 | 19 | -7.2 | 1972 |
| 20 | 49.6 | 9.8 | 64.3 | 17.9 | 83 | 28.3 | 1945 | 34.8 | 1.6 | 22 | -5.6 | 1967 |
| 21 | 51.2 | 10.7 | 65.4 | 18.6 | 83 | 28.3 | 1969 | 37.0 | 2.8 | 24 | -4.4 | 1968 |
| 22 | 49.8 | 9.9 | 65.2 | 18.4 | 82 | 27.8 | 1977 | 34.8 | 1.6 | 23 | -5.0 | 1963 |
| 23 | 50.7 | 10.4 | 66.4 | 19.1 | 84 | 28.9 | 1977 | 34.8 | 1.6 | 24 | -4.4 | 1963* |
| 24 | 51.1 | 10.6 | 64.1 | 17.8 | 86 | 30.0 | 1977 | 38.0 | 3.3 | 23 | -5.0 | 1964 |
| 25 | 51.0 | 10.6 | 64.4 | 18.0 | 91 | 32.8 | 1946 | 37.2 | 2.9 | 28 | -2.2 | 1969 |
| 26 | 49.0 | 9.4 | 62.1 | 16.7 | 82 | 27.8 | 1973 | 35.4 | 1.9 | 25 | -3.9 | 1975* |
| 27 | 50.6 | 10.3 | 65.7 | 18.7 | 79 | 26.1 | 1973 | 35.6 | 2.0 | 22 | -5.6 | 1955 |
| 28 | 52.8 | 11.6 | 68.2 | 20.1 | 82 | 27.8 | 1965 | 37.4 | 3.0 | 28 | -2.2 | 1970* |
| 29 | 54.1 | 12.3 | 69.8 | 21.0 | 84 | 28.9 | 1959 | 38.5 | 3.6 | 27 | -2.8 | 1975* |
| 30 | 55.5 | 13.1 | 71.8 | 22.1 | 84 | 28.9 | 1959 | 39.1 | 3.9 | 25 | -3.9 | 1972 |
| 31 | | | | | | | | | | | | |
| Monthly | 49.7 | 9.8 | 64.1 | 17.8 | 91 | 32.8 | 1946 | 35.0 | 1.7 | 16 | -8.9 | 1955 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION
93102

STATION NAME
FALLOW, NEVADA

YEARS
1945-1946 1955-1977

MONTH
MAY

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | MINIMUM TEMP | | | DATE |
|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------|
| | AVERAGE °F | AVERAGE °C | AVERAGE °F | EXTREME °F | EXTREME °C | AVERAGE °F | EXTREME °F | EXTREME °C | |
| 1 | 55.5 | 13.1 | 71.6 | 85 | 29.4 | 39.5 | 4.2 | -2.8 | 1971* |
| 2 | 55.4 | 13.0 | 70.4 | 86 | 30.0 | 40.4 | 4.7 | -2.8 | 1966* |
| 3 | 56.1 | 13.4 | 71.5 | 88 | 31.1 | 40.8 | 4.9 | -2.8 | 1966 |
| 4 | 56.3 | 13.5 | 70.4 | 86 | 30.0 | 42.2 | 5.7 | -0.6 | 1975* |
| 5 | 55.9 | 13.3 | 70.1 | 86 | 30.0 | 41.7 | 5.4 | -2.8 | 1975 |
| 6 | 55.5 | 13.1 | 69.1 | 85 | 29.4 | 42.0 | 5.6 | -5.0 | 1964 |
| 7 | 56.8 | 13.8 | 70.6 | 85 | 29.4 | 43.0 | 6.1 | 0.0 | 1964* |
| 8 | 59.2 | 15.1 | 74.1 | 86 | 30.0 | 44.3 | 6.8 | 1.1 | 1965 |
| 9 | 58.6 | 14.8 | 72.5 | 85 | 29.4 | 44.8 | 7.1 | 1.1 | 1977 |
| 10 | 59.0 | 15.0 | 72.9 | 88 | 31.1 | 45.0 | 7.2 | 2.2 | 1967* |
| 11 | 56.2 | 13.4 | 70.3 | 90 | 32.2 | 42.1 | 5.6 | 1.1 | 1972* |
| 12 | 57.0 | 13.9 | 71.7 | 92 | 33.3 | 42.2 | 5.7 | 0.0 | 1967 |
| 13 | 57.7 | 14.3 | 72.1 | 91 | 32.8 | 43.3 | 6.3 | -0.6 | 1967* |
| 14 | 57.6 | 14.2 | 71.9 | 85 | 29.4 | 43.4 | 6.3 | 0.6 | 1968* |
| 15 | 58.7 | 14.8 | 75.1 | 89 | 31.7 | 42.2 | 5.7 | -1.7 | 1955 |
| 16 | 59.4 | 15.2 | 76.1 | 92 | 33.3 | 42.7 | 5.9 | 0.0 | 1959 |
| 17 | 60.5 | 15.8 | 75.8 | 89 | 31.7 | 45.0 | 7.2 | 0.6 | 1977* |
| 18 | 60.6 | 15.9 | 76.0 | 92 | 33.3 | 44.9 | 7.2 | 0.0 | 1974* |
| 19 | 60.4 | 15.8 | 75.4 | 92 | 33.3 | 45.0 | 7.2 | -0.6 | 1960 |
| 20 | 60.3 | 15.7 | 75.1 | 92 | 33.3 | 44.7 | 7.1 | 1.1 | 1975* |
| 21 | 59.5 | 15.3 | 73.3 | 92 | 33.3 | 45.2 | 7.3 | 0.6 | 1962 |
| 22 | 60.6 | 15.9 | 74.7 | 95 | 35.0 | 46.3 | 7.9 | -1.1 | 1960 |
| 23 | 61.1 | 16.2 | 75.0 | 93 | 33.9 | 47.1 | 8.4 | 1.7 | 1960 |
| 24 | 60.1 | 15.6 | 74.6 | 88 | 31.1 | 45.6 | 7.6 | 2.2 | 1968* |
| 25 | 61.8 | 16.6 | 76.8 | 92 | 33.3 | 46.8 | 8.2 | 1.1 | 1975* |
| 26 | 62.5 | 16.9 | 77.7 | 92 | 33.3 | 47.2 | 8.4 | 2.8 | 1975* |
| 27 | 61.8 | 16.6 | 75.8 | 89 | 31.7 | 47.7 | 8.7 | 3.3 | 1961 |
| 28 | 62.2 | 16.8 | 77.7 | 91 | 32.8 | 46.4 | 8.0 | 3.3 | 1955 |
| 29 | 63.3 | 17.4 | 78.6 | 91 | 32.8 | 47.7 | 8.7 | 5.0 | 1959 |
| 30 | 63.6 | 17.6 | 78.4 | 90 | 32.2 | 49.1 | 9.5 | 3.9 | 1959 |
| 31 | 63.0 | 17.2 | 77.5 | 95 | 35.0 | 48.5 | 9.2 | -3.3 | 1955 |
| Monthly | 59.2 | 15.1 | 74.0 | 95 | 35.0 | 44.4 | 6.9 | -5.0 | 1964 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

AD-A060 545

NAVAL WEATHER SERVICE DETACHMENT ISHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) FALLON, --ETC(U)
JUL 78

F/G 4/2

UNCLASSIFIED

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4 OF 4

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MONTH 1978

STATION 93102 FALLON, NEVADA STATION NAME 1945-1946 1955-1977 YEARS MONTH JUNE

| DAY | MEAN TEMP | | AVERAGE | | MAXIMUM TEMP | | AVERAGE | | EXTREME | | DATE | |
|---------|-----------|------|---------|------|--------------|------|---------|------|---------|-----|-------|-----|
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C |
| 1 | 63.8 | 17.7 | 79.0 | 26.1 | 91 | 32.8 | 48.5 | 9.2 | 34 | 1.1 | 1955 | |
| 2 | 65.5 | 18.6 | 81.4 | 27.4 | 94 | 34.4 | 49.4 | 9.7 | 37 | 2.8 | 1966 | |
| 3 | 65.7 | 18.7 | 80.2 | 26.8 | 98 | 36.7 | 51.1 | 10.6 | 38 | 3.3 | 1966 | |
| 4 | 65.8 | 18.8 | 80.3 | 26.8 | 97 | 36.1 | 51.2 | 10.7 | 37 | 2.8 | 1962 | |
| 5 | 66.2 | 19.0 | 81.5 | 27.5 | 98 | 36.7 | 51.1 | 10.6 | 37 | 2.8 | 1956 | |
| 6 | 66.0 | 18.9 | 80.6 | 27.0 | 95 | 35.0 | 51.8 | 11.0 | 40 | 4.4 | 1945 | |
| 7 | 65.3 | 18.5 | 79.5 | 26.4 | 98 | 36.7 | 51.5 | 10.8 | 40 | 4.4 | 1962 | |
| 8 | 64.7 | 18.2 | 79.1 | 26.2 | 103 | 39.4 | 50.8 | 10.4 | 37 | 2.8 | 1974 | |
| 9 | 63.7 | 17.6 | 78.3 | 25.7 | 102 | 38.9 | 49.8 | 9.9 | 38 | 3.3 | 1964 | |
| 10 | 64.6 | 18.1 | 78.8 | 26.0 | 100 | 37.8 | 50.6 | 10.3 | 40 | 4.4 | 1963 | |
| 11 | 66.0 | 18.9 | 81.6 | 27.6 | 95 | 35.0 | 50.7 | 10.4 | 37 | 2.8 | 1972 | |
| 12 | 67.2 | 19.6 | 83.0 | 28.3 | 98 | 36.7 | 51.7 | 10.9 | 45 | 7.2 | 1972* | |
| 13 | 67.3 | 19.6 | 82.4 | 28.0 | 97 | 36.1 | 52.2 | 11.2 | 43 | 6.1 | 1965 | |
| 14 | 66.4 | 19.1 | 80.5 | 26.9 | 95 | 35.0 | 51.7 | 10.9 | 41 | 5.0 | 1945 | |
| 15 | 67.0 | 19.4 | 81.7 | 27.6 | 97 | 36.1 | 51.9 | 11.1 | 33 | 0.6 | 1945 | |
| 16 | 68.4 | 20.2 | 83.2 | 28.4 | 98 | 36.7 | 53.4 | 11.9 | 39 | 3.9 | 1945 | |
| 17 | 68.9 | 20.5 | 83.3 | 28.5 | 99 | 37.2 | 53.9 | 12.2 | 43 | 6.1 | 1957 | |
| 18 | 70.1 | 21.2 | 86.0 | 30.0 | 97 | 36.1 | 53.5 | 11.9 | 42 | 5.6 | 1965 | |
| 19 | 70.7 | 21.5 | 86.7 | 30.4 | 101 | 38.3 | 54.5 | 12.5 | 43 | 6.1 | 1964 | |
| 20 | 71.4 | 21.9 | 87.1 | 30.6 | 104 | 40.0 | 55.9 | 13.3 | 42 | 5.6 | 1974 | |
| 21 | 71.6 | 22.0 | 88.2 | 31.2 | 101 | 38.3 | 55.3 | 12.9 | 40 | 4.4 | 1960 | |
| 22 | 71.9 | 22.2 | 88.9 | 31.6 | 103 | 39.4 | 54.9 | 12.7 | 44 | 6.7 | 1964 | |
| 23 | 71.2 | 21.8 | 87.0 | 30.6 | 100 | 37.8 | 55.2 | 12.9 | 45 | 7.2 | 1955 | |
| 24 | 70.2 | 21.2 | 87.1 | 30.6 | 100 | 37.8 | 53.5 | 11.9 | 44 | 6.7 | 1972* | |
| 25 | 71.0 | 21.7 | 87.8 | 31.0 | 102 | 38.9 | 54.5 | 12.5 | 41 | 5.0 | 1975 | |
| 26 | 71.6 | 22.0 | 89.3 | 31.8 | 102 | 38.9 | 54.3 | 12.4 | 41 | 5.0 | 1974 | |
| 27 | 71.0 | 21.7 | 88.2 | 31.2 | 99 | 37.2 | 54.3 | 12.4 | 44 | 6.7 | 1965 | |
| 28 | 71.1 | 21.7 | 88.1 | 31.2 | 103 | 39.4 | 54.5 | 12.5 | 42 | 5.6 | 1969 | |
| 29 | 68.9 | 20.5 | 86.2 | 30.1 | 98 | 36.7 | 52.4 | 11.3 | 36 | 2.2 | 1963 | |
| 30 | 70.0 | 21.1 | 88.5 | 31.4 | 101 | 38.3 | 51.9 | 11.1 | 40 | 4.4 | 1968 | |
| 31 | | | | | | | | | | | | |
| Monthly | 68.1 | 20.1 | 83.8 | 28.8 | 104 | 40.0 | 52.5 | 11.4 | 33 | 0.6 | 1945 | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93102

FALLOW, NEVADA

STATION

STATION NAME

1945-1946 1955-1977

YEARS

JULY

MONTH

| DAY | MEAN TEMP | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
|---------|-----------|------|---------|------|---------|------|-------|-------|---------|------|---------|------|-------|-------|
| | ° F | ° C | ° F | ° C | ° F | ° C | DATE | DATE | ° F | ° C | ° F | ° C | DATE | DATE |
| 1 | 71.6 | 22.0 | 89.4 | 31.9 | 102 | 38.9 | 1967 | 1967 | 53.6 | 12.0 | 42 | 5.6 | 1976 | 1976 |
| 2 | 71.6 | 22.0 | 88.5 | 31.4 | 102 | 38.9 | 1967 | 1967 | 55.0 | 12.8 | 38 | 3.3 | 1976 | 1976 |
| 3 | 71.0 | 21.7 | 88.2 | 31.2 | 98 | 36.7 | 1973 | 1973 | 54.1 | 12.3 | 39 | 3.9 | 1976 | 1976 |
| 4 | 72.6 | 22.6 | 90.2 | 32.3 | 99 | 37.2 | 1973 | 1973 | 55.3 | 12.9 | 44 | 6.7 | 1976 | 1976 |
| 5 | 74.1 | 23.4 | 91.8 | 33.2 | 102 | 38.9 | 1973 | 1973 | 56.8 | 13.8 | 43 | 6.1 | 1955 | 1955 |
| 6 | 73.4 | 23.0 | 91.7 | 33.2 | 100 | 37.8 | 1968 | 1968 | 55.6 | 13.1 | 45 | 7.2 | 1961 | 1961 |
| 7 | 73.7 | 23.2 | 91.9 | 33.3 | 100 | 37.8 | 1976 | 1976 | 55.6 | 13.1 | 45 | 7.2 | 1959 | 1959 |
| 8 | 74.3 | 23.5 | 92.0 | 33.3 | 100 | 37.8 | 1956 | 1956 | 56.9 | 13.8 | 45 | 7.2 | 1959 | 1959 |
| 9 | 74.1 | 23.4 | 90.9 | 32.7 | 102 | 38.9 | 1973 | 1973 | 58.0 | 14.4 | 48 | 8.9 | 1959 | 1959 |
| 10 | 73.1 | 22.8 | 90.5 | 32.5 | 102 | 38.9 | 1959 | 1959 | 56.5 | 13.6 | 48 | 8.9 | 1974* | 1974* |
| 11 | 73.7 | 23.2 | 92.2 | 33.4 | 102 | 38.9 | 1959 | 1959 | 55.6 | 13.1 | 41 | 5.0 | 1974 | 1974 |
| 12 | 75.1 | 23.9 | 92.0 | 33.3 | 100 | 37.8 | 1967 | 1967 | 58.2 | 14.6 | 48 | 8.9 | 1974* | 1974* |
| 13 | 76.0 | 24.4 | 92.7 | 33.7 | 101 | 38.3 | 1972 | 1972 | 58.9 | 14.9 | 48 | 8.9 | 1965 | 1965 |
| 14 | 75.9 | 24.4 | 93.1 | 33.9 | 101 | 38.3 | 1955 | 1955 | 58.6 | 14.8 | 48 | 8.9 | 1966 | 1966 |
| 15 | 76.2 | 24.6 | 92.6 | 33.7 | 100 | 37.8 | 1971* | 1971* | 59.9 | 15.5 | 49 | 9.4 | 1966 | 1966 |
| 16 | 76.5 | 24.7 | 92.8 | 33.8 | 102 | 38.9 | 1959 | 1959 | 60.3 | 15.7 | 50 | 10.0 | 1962 | 1962 |
| 17 | 75.8 | 24.3 | 92.8 | 33.8 | 105 | 40.6 | 1959 | 1959 | 59.0 | 15.0 | 52 | 11.1 | 1974* | 1974* |
| 18 | 76.6 | 24.8 | 93.7 | 34.3 | 105 | 40.6 | 1960 | 1960 | 59.4 | 15.2 | 52 | 11.1 | 1966 | 1966 |
| 19 | 77.4 | 25.2 | 94.2 | 34.6 | 104 | 40.0 | 1960 | 1960 | 60.6 | 15.9 | 54 | 12.2 | 1957 | 1957 |
| 20 | 76.9 | 24.9 | 93.0 | 33.9 | 103 | 39.4 | 1960 | 1960 | 60.3 | 15.7 | 53 | 11.7 | 1972 | 1972 |
| 21 | 76.3 | 24.6 | 93.2 | 34.0 | 101 | 38.3 | 1969* | 1969* | 58.9 | 14.9 | 47 | 8.3 | 1972 | 1972 |
| 22 | 77.1 | 25.1 | 93.6 | 34.2 | 102 | 38.9 | 1961 | 1961 | 60.1 | 15.6 | 46 | 7.8 | 1972 | 1972 |
| 23 | 76.9 | 24.9 | 93.5 | 34.2 | 98 | 36.7 | 1966* | 1966* | 59.9 | 15.5 | 46 | 7.8 | 1973 | 1973 |
| 24 | 77.3 | 25.2 | 94.7 | 34.8 | 99 | 37.2 | 1964* | 1964* | 59.9 | 15.5 | 45 | 7.2 | 1973 | 1973 |
| 25 | 77.6 | 25.3 | 95.0 | 35.0 | 101 | 38.3 | 1959 | 1959 | 60.3 | 15.7 | 46 | 7.8 | 1973 | 1973 |
| 26 | 77.5 | 25.3 | 95.3 | 35.2 | 102 | 38.9 | 1973* | 1973* | 59.6 | 15.3 | 48 | 8.9 | 1973 | 1973 |
| 27 | 77.8 | 25.4 | 95.7 | 35.4 | 102 | 38.9 | 1945 | 1945 | 60.0 | 15.6 | 49 | 9.4 | 1955 | 1955 |
| 28 | 78.7 | 25.9 | 95.5 | 35.3 | 102 | 38.9 | 1971 | 1971 | 62.0 | 16.7 | 53 | 11.7 | 1972* | 1972* |
| 29 | 77.8 | 23.4 | 94.7 | 34.8 | 103 | 39.4 | 1966 | 1966 | 61.0 | 16.1 | 54 | 12.2 | 1959* | 1959* |
| 30 | 76.6 | 24.8 | 92.1 | 33.4 | 100 | 37.8 | 1971* | 1971* | 61.2 | 16.2 | 52 | 11.1 | 1975 | 1975 |
| 31 | 75.8 | 24.3 | 92.6 | 33.7 | 101 | 38.3 | 1973 | 1973 | 59.3 | 15.2 | 46 | 7.8 | 1975 | 1975 |
| Monthly | 75.5 | 24.2 | 92.6 | 33.7 | 105 | 40.6 | 1960* | 1960* | 58.4 | 14.7 | 38 | 3.3 | 1976 | 1976 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5715 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 93102 FALLON, NEVADA STATION NAME 1945-1946 1955-1977 YEARS MONTH AUGUST

| DAY | MEAN TEMP | | AVERAGE | | MAXIMUM TEMP | | MINIMUM TEMP | | DATE |
|---------|-----------|------|---------|------|--------------|------|--------------|------|-------|
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | |
| 1 | 76.0 | 24.4 | 93.0 | 33.9 | 103 | 39.4 | 58.9 | 14.9 | 1977 |
| 2 | 75.9 | 24.4 | 93.2 | 34.0 | 104 | 40.0 | 58.5 | 14.7 | 1955 |
| 3 | 76.5 | 24.7 | 93.7 | 34.3 | 102 | 38.9 | 59.2 | 15.1 | 1961 |
| 4 | 76.9 | 24.9 | 93.4 | 34.1 | 102 | 38.9 | 60.4 | 15.8 | 1961 |
| 5 | 75.2 | 24.0 | 91.8 | 33.2 | 97 | 36.1 | 58.6 | 14.8 | 1958 |
| 6 | 74.6 | 23.7 | 91.8 | 33.2 | 100 | 37.8 | 57.5 | 14.2 | 1960* |
| 7 | 74.9 | 23.8 | 92.3 | 33.5 | 102 | 38.9 | 57.5 | 14.2 | 1960 |
| 8 | 75.1 | 23.9 | 92.8 | 33.8 | 102 | 38.9 | 57.4 | 14.1 | 1960 |
| 9 | 75.9 | 24.4 | 93.2 | 34.0 | 100 | 37.8 | 58.5 | 14.7 | 1972* |
| 10 | 76.3 | 24.6 | 93.3 | 34.1 | 101 | 38.3 | 59.2 | 15.1 | 1959 |
| 11 | 76.4 | 24.7 | 94.1 | 34.5 | 102 | 38.9 | 58.7 | 14.8 | 1970 |
| 12 | 75.5 | 24.2 | 93.0 | 33.9 | 102 | 38.9 | 58.1 | 14.5 | 1970* |
| 13 | 74.2 | 23.4 | 92.0 | 33.3 | 100 | 37.8 | 56.9 | 13.8 | 1971* |
| 14 | 75.2 | 24.0 | 91.3 | 32.9 | 103 | 39.4 | 58.3 | 14.6 | 1962 |
| 15 | 74.4 | 23.6 | 91.1 | 32.8 | 99 | 37.2 | 57.1 | 13.9 | 1973* |
| 16 | 74.6 | 23.7 | 91.0 | 32.8 | 100 | 37.8 | 57.5 | 14.2 | 1973 |
| 17 | 73.5 | 23.1 | 88.8 | 31.6 | 99 | 37.2 | 57.4 | 14.1 | 1973 |
| 18 | 73.9 | 23.3 | 89.4 | 31.9 | 97 | 36.1 | 57.6 | 14.2 | 1973* |
| 19 | 72.7 | 22.6 | 88.0 | 31.1 | 100 | 37.8 | 56.9 | 13.8 | 1960 |
| 20 | 71.6 | 22.0 | 88.5 | 31.4 | 99 | 37.2 | 54.7 | 12.6 | 1960 |
| 21 | 72.2 | 22.3 | 89.2 | 31.8 | 101 | 38.3 | 55.4 | 13.0 | 1969 |
| 22 | 71.6 | 22.0 | 88.4 | 31.3 | 98 | 36.7 | 54.6 | 12.6 | 1977* |
| 23 | 72.9 | 22.7 | 90.5 | 32.5 | 101 | 38.3 | 54.9 | 12.7 | 1969* |
| 24 | 72.3 | 22.4 | 89.6 | 32.0 | 98 | 36.7 | 54.7 | 12.6 | 1967* |
| 25 | 70.8 | 21.6 | 87.6 | 30.9 | 96 | 35.6 | 54.1 | 12.3 | 1964* |
| 26 | 69.8 | 21.0 | 86.2 | 30.1 | 96 | 35.6 | 53.1 | 11.7 | 1962 |
| 27 | 68.4 | 20.2 | 85.8 | 29.9 | 92 | 33.3 | 51.0 | 10.6 | 1958* |
| 28 | 69.6 | 20.9 | 86.8 | 30.4 | 94 | 34.4 | 52.6 | 11.4 | 1955 |
| 29 | 69.2 | 20.7 | 87.0 | 30.6 | 95 | 35.0 | 51.5 | 10.8 | 1955 |
| 30 | 69.2 | 20.7 | 87.0 | 30.6 | 100 | 37.8 | 51.7 | 10.9 | 1955 |
| 31 | 69.7 | 20.9 | 87.0 | 30.6 | 99 | 37.2 | 52.5 | 11.4 | 1955 |
| Monthly | 73.4 | 23.0 | 90.4 | 32.4 | 104 | 40.0 | 56.3 | 13.5 | 1955 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1973

STATION
93102

STATION NAME
FALLON, NEVADA

YEARS
1945-1946 1955-1977

MONTH
SEPTEMBER

| DAY | MEAN TEMP | | AVERAGE | | MAXIMUM TEMP | | AVERAGE | | MINIMUM TEMP | | DATE |
|---------|-----------|------|---------|------|--------------|------|---------|------|--------------|------|-------|
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | |
| 1 | 69.6 | 20.9 | 87.5 | 30.8 | 103 | 39.4 | 51.7 | 10.9 | 35 | 1.7 | 1973 |
| 2 | 69.6 | 20.9 | 87.5 | 30.8 | 100 | 37.8 | 51.7 | 10.9 | 25 | -3.9 | 1973 |
| 3 | 70.7 | 21.5 | 87.8 | 31.0 | 101 | 38.3 | 53.6 | 12.0 | 35 | 1.7 | 1973 |
| 4 | 69.5 | 20.8 | 87.5 | 30.8 | 101 | 38.3 | 51.4 | 10.8 | 35 | 1.7 | 1973 |
| 5 | 69.9 | 21.1 | 87.1 | 30.6 | 103 | 39.4 | 52.7 | 11.5 | 42 | 5.6 | 1973 |
| 6 | 70.5 | 21.4 | 88.0 | 31.1 | 100 | 37.8 | 53.0 | 11.7 | 44 | 6.7 | 1964 |
| 7 | 70.7 | 21.5 | 87.8 | 31.0 | 98 | 36.7 | 53.5 | 11.9 | 41 | 5.0 | 1973* |
| 8 | 68.2 | 20.1 | 85.5 | 29.7 | 93 | 33.9 | 50.9 | 10.5 | 24 | -4.4 | 1973 |
| 9 | 67.6 | 19.8 | 84.8 | 29.3 | 91 | 32.8 | 50.5 | 10.3 | 35 | 1.7 | 1973 |
| 10 | 69.2 | 20.7 | 85.9 | 29.9 | 95 | 35.0 | 52.4 | 11.3 | 43 | 6.1 | 1964 |
| 11 | 67.9 | 19.9 | 85.3 | 29.6 | 96 | 35.6 | 50.8 | 10.4 | 39 | 3.9 | 1972 |
| 12 | 66.3 | 19.1 | 83.5 | 28.6 | 93 | 33.9 | 49.3 | 9.6 | 32 | 0.0 | 1972 |
| 13 | 64.9 | 18.3 | 81.7 | 27.6 | 94 | 34.4 | 48.4 | 9.1 | 34 | 1.1 | 1972 |
| 14 | 63.5 | 17.5 | 80.5 | 26.9 | 94 | 34.4 | 46.6 | 8.1 | 34 | 1.1 | 1970 |
| 15 | 63.5 | 17.5 | 81.1 | 27.3 | 93 | 33.9 | 45.9 | 7.7 | 34 | 1.1 | 1959 |
| 16 | 62.1 | 16.7 | 78.6 | 25.9 | 90 | 32.2 | 45.8 | 7.7 | 37 | 2.8 | 1970 |
| 17 | 61.9 | 16.6 | 77.5 | 25.3 | 92 | 33.3 | 46.5 | 8.1 | 29 | -1.7 | 1965 |
| 18 | 62.2 | 16.8 | 76.6 | 24.8 | 91 | 32.8 | 47.7 | 8.7 | 24 | -4.4 | 1965 |
| 19 | 60.0 | 15.6 | 75.8 | 24.3 | 92 | 33.3 | 44.8 | 7.1 | 28 | -2.2 | 1965 |
| 20 | 59.6 | 15.3 | 74.8 | 23.8 | 87 | 30.6 | 44.3 | 6.8 | 33 | 0.6 | 1965 |
| 21 | 59.2 | 15.1 | 74.5 | 23.6 | 89 | 31.7 | 43.7 | 6.5 | 31 | -0.6 | 1968 |
| 22 | 59.1 | 15.1 | 76.1 | 24.5 | 90 | 32.2 | 42.0 | 5.6 | 31 | -0.6 | 1968 |
| 23 | 60.3 | 15.7 | 77.6 | 25.3 | 90 | 32.2 | 42.5 | 5.8 | 31 | -0.6 | 1945 |
| 24 | 60.9 | 16.1 | 78.4 | 25.8 | 90 | 32.2 | 43.1 | 6.2 | 26 | -3.3 | 1958 |
| 25 | 62.4 | 16.9 | 80.0 | 26.7 | 92 | 33.3 | 44.2 | 6.8 | 28 | -2.2 | 1972* |
| 26 | 63.7 | 17.6 | 79.9 | 26.6 | 91 | 32.8 | 47.0 | 8.3 | 30 | -1.1 | 1970 |
| 27 | 62.0 | 16.7 | 78.6 | 25.9 | 91 | 32.8 | 45.3 | 7.4 | 32 | 0.0 | 1945 |
| 28 | 60.9 | 16.1 | 77.5 | 25.3 | 91 | 32.8 | 44.4 | 6.9 | 30 | -1.1 | 1959 |
| 29 | 60.4 | 15.8 | 77.2 | 25.1 | 91 | 32.8 | 43.8 | 6.6 | 29 | -1.7 | 1959 |
| 30 | 60.2 | 15.7 | 77.0 | 25.0 | 90 | 32.2 | 43.6 | 6.4 | 32 | 0.0 | 1945 |
| 31 | 64.6 | 18.1 | 81.4 | 27.4 | 103 | 39.4 | 47.8 | 8.8 | 24 | -4.4 | 1973* |
| Monthly | | | | | | | | | | | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

93102

FALLOW, NEVADA

1945-1946 1955-1977

OCTOBER

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | AVERAGE | | MAXIMUM TEMP | | EXTREME | | DATE | | AVERAGE | | MINIMUM TEMP | | EXTREME | | DATE | |
|---------|-----------|------|---------|------|--------------|------|---------|------|-------|-------|---------|------|--------------|-------|---------|-------|-------|-------|
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | DATE | DATE | ° F | ° C | ° F | ° C | ° F | ° C | DATE | DATE |
| 1 | 59.0 | 15.0 | 76.0 | 24.4 | 89 | 31.7 | 89 | 31.7 | 1963 | 1963 | 41.8 | 5.4 | 27 | -2.8 | 27 | -2.8 | 1971 | 1971 |
| 2 | 59.8 | 15.4 | 76.8 | 24.9 | 91 | 32.8 | 91 | 32.8 | 1963 | 1963 | 42.3 | 5.7 | 27 | -2.8 | 27 | -2.8 | 1971 | 1971 |
| 3 | 58.6 | 14.8 | 74.5 | 23.6 | 87 | 30.6 | 87 | 30.6 | 1970* | 1970* | 42.3 | 5.7 | 31 | -0.6 | 31 | -0.6 | 1971 | 1971 |
| 4 | 58.4 | 14.7 | 73.5 | 23.1 | 86 | 30.0 | 86 | 30.0 | 1970 | 1970 | 42.5 | 5.8 | 27 | -2.8 | 27 | -2.8 | 1969 | 1969 |
| 5 | 58.1 | 14.5 | 75.1 | 23.9 | 88 | 31.1 | 88 | 31.1 | 1958 | 1958 | 41.0 | 5.0 | 26 | -3.3 | 26 | -3.3 | 1969 | 1969 |
| 6 | 57.5 | 14.2 | 73.8 | 23.2 | 87 | 30.6 | 87 | 30.6 | 1964 | 1964 | 41.0 | 5.0 | 28 | -2.2 | 28 | -2.2 | 1969 | 1969 |
| 7 | 55.0 | 12.8 | 70.2 | 21.2 | 90 | 32.2 | 90 | 32.2 | 1964 | 1964 | 39.4 | 4.1 | 28 | -2.2 | 28 | -2.2 | 1957 | 1957 |
| 8 | 56.5 | 13.6 | 71.3 | 21.8 | 86 | 30.0 | 86 | 30.0 | 1965 | 1965 | 40.9 | 4.9 | 26 | -3.3 | 26 | -3.3 | 1968 | 1968 |
| 9 | 57.7 | 14.3 | 72.8 | 22.7 | 89 | 31.7 | 89 | 31.7 | 1965 | 1965 | 41.8 | 5.4 | 29 | -1.7 | 29 | -1.7 | 1968 | 1968 |
| 10 | 58.0 | 14.4 | 72.7 | 22.6 | 84 | 28.9 | 84 | 28.9 | 1963 | 1963 | 42.5 | 5.8 | 35 | 1.7 | 35 | 1.7 | 1969 | 1969 |
| 11 | 56.8 | 13.8 | 71.4 | 21.9 | 84 | 28.9 | 84 | 28.9 | 1958 | 1958 | 41.8 | 5.4 | 26 | -3.3 | 26 | -3.3 | 1969 | 1969 |
| 12 | 56.1 | 13.4 | 71.2 | 21.8 | 82 | 27.8 | 82 | 27.8 | 1958 | 1958 | 41.0 | 5.0 | 28 | -2.2 | 28 | -2.2 | 1969 | 1969 |
| 13 | 55.2 | 12.9 | 70.7 | 21.5 | 84 | 28.9 | 84 | 28.9 | 1971 | 1971 | 39.8 | 4.3 | 26 | -3.3 | 26 | -3.3 | 1969 | 1969 |
| 14 | 52.7 | 11.5 | 69.6 | 20.9 | 84 | 28.9 | 84 | 28.9 | 1958 | 1958 | 36.6 | 2.6 | 22 | -5.6 | 22 | -5.6 | 1966 | 1966 |
| 15 | 52.1 | 11.2 | 68.5 | 20.3 | 85 | 29.4 | 85 | 29.4 | 1977* | 1977* | 36.0 | 2.2 | 24 | -4.4 | 24 | -4.4 | 1966 | 1966 |
| 16 | 52.1 | 11.2 | 68.8 | 20.4 | 86 | 30.0 | 86 | 30.0 | 1977* | 1977* | 35.9 | 2.2 | 27 | -2.8 | 27 | -2.8 | 1966* | 1966* |
| 17 | 52.8 | 11.6 | 70.2 | 21.2 | 83 | 28.3 | 83 | 28.3 | 1958 | 1958 | 35.9 | 2.2 | 20 | -6.7 | 20 | -6.7 | 1971 | 1971 |
| 18 | 53.0 | 11.7 | 69.5 | 20.8 | 85 | 29.4 | 85 | 29.4 | 1977 | 1977 | 36.8 | 2.7 | 23 | -5.0 | 23 | -5.0 | 1971 | 1971 |
| 19 | 52.2 | 11.2 | 69.0 | 20.6 | 83 | 28.3 | 83 | 28.3 | 1977 | 1977 | 35.6 | 2.0 | 24 | -4.4 | 24 | -4.4 | 1976 | 1976 |
| 20 | 52.7 | 11.5 | 68.0 | 20.0 | 79 | 26.1 | 79 | 26.1 | 1960 | 1960 | 37.4 | 3.0 | 25 | -3.9 | 25 | -3.9 | 1969* | 1969* |
| 21 | 51.1 | 10.6 | 67.5 | 19.7 | 79 | 26.1 | 79 | 26.1 | 1960 | 1960 | 34.8 | 1.6 | 22 | -5.6 | 22 | -5.6 | 1958 | 1958 |
| 22 | 51.3 | 10.7 | 67.7 | 19.8 | 76 | 24.4 | 76 | 24.4 | 1977* | 1977* | 35.0 | 1.7 | 22 | -5.6 | 22 | -5.6 | 1961 | 1961 |
| 23 | 50.4 | 10.2 | 65.7 | 18.7 | 80 | 26.7 | 80 | 26.7 | 1959 | 1959 | 34.7 | 1.5 | 24 | -4.4 | 24 | -4.4 | 1961 | 1961 |
| 24 | 49.6 | 9.8 | 65.3 | 18.5 | 86 | 30.0 | 86 | 30.0 | 1959 | 1959 | 34.0 | 1.1 | 22 | -5.6 | 22 | -5.6 | 1956 | 1956 |
| 25 | 51.0 | 10.6 | 68.2 | 20.1 | 83 | 28.3 | 83 | 28.3 | 1959 | 1959 | 33.7 | 0.9 | 23 | -5.0 | 23 | -5.0 | 1945 | 1945 |
| 26 | 50.5 | 10.3 | 65.3 | 18.5 | 75 | 23.9 | 75 | 23.9 | 1962* | 1962* | 35.7 | 2.1 | 24 | -4.4 | 24 | -4.4 | 1976 | 1976 |
| 27 | 47.9 | 8.8 | 62.9 | 17.2 | 75 | 23.9 | 75 | 23.9 | 1965 | 1965 | 32.6 | 0.3 | 17 | -8.3 | 17 | -8.3 | 1970 | 1970 |
| 28 | 46.9 | 8.3 | 62.2 | 16.8 | 76 | 24.4 | 76 | 24.4 | 1968 | 1968 | 31.5 | -0.3 | 16 | -8.9 | 16 | -8.9 | 1970 | 1970 |
| 29 | 45.2 | 7.3 | 59.4 | 15.2 | 78 | 25.6 | 78 | 25.6 | 1962 | 1962 | 31.0 | -0.6 | 11 | -11.7 | 11 | -11.7 | 1971 | 1971 |
| 30 | 46.0 | 7.8 | 61.0 | 16.1 | 78 | 25.6 | 78 | 25.6 | 1962 | 1962 | 31.1 | -0.5 | 17 | -8.3 | 17 | -8.3 | 1972 | 1972 |
| 31 | 45.6 | 7.6 | 60.6 | 15.9 | 72 | 22.2 | 72 | 22.2 | 1973* | 1973* | 30.6 | -0.8 | 21 | -6.1 | 21 | -6.1 | 1972 | 1972 |
| Monthly | 53.1 | 11.7 | 69.0 | 20.6 | 91 | 32.8 | 91 | 32.8 | 1963 | 1963 | 37.3 | 2.9 | 11 | -11.7 | 11 | -11.7 | 1971 | 1971 |

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURE MAR 1978

93102 FALLON, NEVADA 1945-1946 1954-1977 NOVEMBER MONTH

| DAY | MEAN TEMP | | AVERAGE | | | | EXTREME | | | | AVERAGE | | | | EXTREME | | | | DATE |
|---------|-----------|-----|---------|------|----|------|---------|------|------|----|---------|-------|----|----|---------|----|----|----|------|
| | AVERAGE | | °C | | °F | | °C | | °F | | °C | | °F | | °C | | °F | | |
| | °F | °C | °F | °C | °F | °C | °F | °C | °F | °C | °F | °C | °F | °C | °F | °C | °F | °C | |
| 1 | 46.0 | 7.8 | 61.0 | 16.1 | 75 | 23.9 | 1960 | 31.0 | -0.6 | 22 | -5.6 | 1956 | | | | | | | |
| 2 | 45.5 | 7.5 | 60.3 | 15.7 | 74 | 23.3 | 1965 | 30.7 | -0.7 | 22 | -5.6 | 1955 | | | | | | | |
| 3 | 46.0 | 7.8 | 61.5 | 16.4 | 76 | 24.4 | 1977 | 31.2 | -0.4 | 18 | -7.8 | 1956 | | | | | | | |
| 4 | 47.7 | 8.7 | 62.2 | 16.8 | 75 | 23.9 | 1977* | 33.2 | 0.7 | 19 | -7.2 | 1973 | | | | | | | |
| 5 | 46.7 | 8.2 | 60.2 | 15.7 | 71 | 21.7 | 1976* | 33.3 | 0.7 | 18 | -7.8 | 1959 | | | | | | | |
| 6 | 45.7 | 7.6 | 59.0 | 15.0 | 70 | 21.1 | 1976* | 32.0 | 0.0 | 17 | -8.3 | 1959 | | | | | | | |
| 7 | 45.7 | 7.6 | 59.0 | 15.0 | 70 | 21.1 | 1976 | 32.2 | 0.1 | 19 | -7.2 | 1961* | | | | | | | |
| 8 | 44.8 | 7.1 | 59.0 | 15.0 | 73 | 22.8 | 1967* | 30.6 | -0.8 | 18 | -7.8 | 1961 | | | | | | | |
| 9 | 46.0 | 7.8 | 61.6 | 16.4 | 80 | 26.7 | 1958 | 30.6 | -0.8 | 17 | -8.3 | 1977 | | | | | | | |
| 10 | 45.3 | 7.4 | 60.3 | 15.7 | 74 | 23.3 | 1956 | 30.6 | -0.8 | 18 | -7.8 | 1977 | | | | | | | |
| 11 | 45.6 | 7.6 | 59.0 | 15.0 | 70 | 21.1 | 1977* | 32.3 | 0.2 | 20 | -6.7 | 1955 | | | | | | | |
| 12 | 43.6 | 6.4 | 56.8 | 13.8 | 70 | 21.1 | 1959 | 29.9 | -1.2 | 19 | -7.2 | 1961* | | | | | | | |
| 13 | 42.3 | 5.7 | 55.7 | 13.2 | 67 | 19.4 | 1958 | 28.6 | -1.9 | 16 | -8.9 | 1961 | | | | | | | |
| 14 | 40.9 | 4.9 | 53.4 | 11.9 | 68 | 20.0 | 1966 | 27.8 | -2.3 | 13 | -10.6 | 1964 | | | | | | | |
| 15 | 40.8 | 4.9 | 52.8 | 11.6 | 72 | 22.2 | 1975 | 28.8 | -1.8 | 12 | -11.1 | 1955 | | | | | | | |
| 16 | 39.3 | 4.1 | 50.8 | 10.4 | 66 | 18.9 | 1977 | 27.5 | -2.5 | 17 | -8.3 | 1958 | | | | | | | |
| 17 | 38.4 | 3.6 | 51.2 | 10.7 | 66 | 18.9 | 1976 | 25.4 | -3.7 | 9 | -12.8 | 1958 | | | | | | | |
| 18 | 38.1 | 3.4 | 50.8 | 10.4 | 66 | 18.9 | 1959 | 25.0 | -3.9 | 10 | -12.2 | 1964 | | | | | | | |
| 19 | 38.2 | 3.4 | 50.6 | 10.3 | 67 | 19.4 | 1966 | 25.7 | -3.5 | 5 | -13.0 | 1964 | | | | | | | |
| 20 | 38.3 | 3.5 | 51.8 | 11.0 | 65 | 18.3 | 1974 | 24.9 | -3.9 | 8 | -13.3 | 1977 | | | | | | | |
| 21 | 37.9 | 3.3 | 50.2 | 10.1 | 63 | 17.2 | 1962 | 25.7 | -3.5 | 7 | -13.9 | 1961 | | | | | | | |
| 22 | 37.4 | 3.0 | 50.5 | 10.3 | 61 | 16.1 | 1977 | 24.2 | -4.3 | 14 | -10.0 | 1956 | | | | | | | |
| 23 | 38.9 | 3.8 | 52.7 | 11.5 | 66 | 18.9 | 1970 | 25.0 | -3.9 | 16 | -8.9 | 1956 | | | | | | | |
| 24 | 41.1 | 5.1 | 56.0 | 13.3 | 78 | 25.6 | 1970 | 26.2 | -3.2 | 16 | -8.9 | 1966 | | | | | | | |
| 25 | 40.7 | 4.8 | 55.0 | 12.8 | 74 | 23.3 | 1977 | 26.4 | -3.1 | 12 | -11.1 | 1966 | | | | | | | |
| 26 | 40.0 | 4.4 | 52.6 | 11.4 | 68 | 20.0 | 1977 | 26.8 | -2.9 | 16 | -8.9 | 1969* | | | | | | | |
| 27 | 37.5 | 3.1 | 49.8 | 9.9 | 60 | 15.6 | 1977 | 24.0 | -4.4 | 14 | -10.0 | 1969* | | | | | | | |
| 28 | 38.2 | 3.4 | 50.0 | 10.0 | 66 | 18.9 | 1945 | 25.0 | -3.9 | 12 | -11.1 | 1969 | | | | | | | |
| 29 | 35.9 | 2.2 | 48.9 | 9.4 | 66 | 18.9 | 1977 | 23.0 | -5.0 | 10 | -12.2 | 1969 | | | | | | | |
| 30 | 35.7 | 2.1 | 49.8 | 9.9 | 61 | 16.1 | 1973 | 21.7 | -5.7 | 5 | -15.0 | 1976 | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | |
| Monthly | 41.6 | 5.3 | 55.1 | 12.8 | 80 | 26.7 | 1958 | 28.0 | -2.2 | 5 | -15.0 | 1976* | | | | | | | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

5 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 93102 FALLON, NEVADA STATION NAME 1945-1946 1954-1977 YEARS 1945-1946 1954-1977 MONTH DECEMBER

| DAY | MEAN TEMP | | AVERAGE | | MAXIMUM TEMP | | AVERAGE | | EXTREME | | AVERAGE | | MINIMUM TEMP | | EXTREME | | DATE |
|---------|-----------|------|---------|------|--------------|------|---------|------|---------|-------|---------|------|--------------|-------|---------|------|------|
| | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | ° F | ° C | |
| 1 | 37.2 | 2.9 | 51.6 | 10.9 | 63 | 17.2 | 22.6 | -5.2 | 11 | -11.7 | 22.6 | -5.2 | 11 | -11.7 | 22.6 | -5.2 | 1976 |
| 2 | 37.1 | 2.8 | 50.5 | 10.3 | 71 | 21.7 | 23.7 | -4.6 | 10 | -12.2 | 23.7 | -4.6 | 10 | -12.2 | 23.7 | -4.6 | 1976 |
| 3 | 37.4 | 3.0 | 51.5 | 10.8 | 66 | 18.9 | 23.3 | -4.8 | 11 | -11.7 | 23.3 | -4.8 | 11 | -11.7 | 23.3 | -4.8 | 1976 |
| 4 | 36.6 | 2.6 | 49.5 | 9.7 | 67 | 19.4 | 23.8 | -4.6 | 11 | -11.7 | 23.8 | -4.6 | 11 | -11.7 | 23.8 | -4.6 | 1963 |
| 5 | 35.8 | 2.1 | 48.7 | 9.3 | 66 | 18.9 | 23.0 | -5.0 | 3 | -16.1 | 23.0 | -5.0 | 3 | -16.1 | 23.0 | -5.0 | 1972 |
| 6 | 36.0 | 2.2 | 49.2 | 9.6 | 67 | 19.4 | 22.8 | -5.1 | 8 | -13.3 | 22.8 | -5.1 | 8 | -13.3 | 22.8 | -5.1 | 1959 |
| 7 | 34.8 | 1.6 | 48.5 | 9.2 | 68 | 20.0 | 21.1 | -6.1 | 5 | -15.0 | 21.1 | -6.1 | 5 | -15.0 | 21.1 | -6.1 | 1971 |
| 8 | 32.1 | 0.1 | 45.8 | 7.7 | 61 | 16.1 | 18.4 | -7.6 | -9 | -22.8 | 18.4 | -7.6 | -9 | -22.8 | 18.4 | -7.6 | 1972 |
| 9 | 31.4 | -0.3 | 44.0 | 6.7 | 60 | 15.6 | 18.8 | -7.3 | -14 | -25.6 | 18.8 | -7.3 | -14 | -25.6 | 18.8 | -7.3 | 1972 |
| 10 | 32.5 | 0.3 | 46.2 | 7.9 | 62 | 16.7 | 19.2 | -7.1 | -9 | -22.8 | 19.2 | -7.1 | -9 | -22.8 | 19.2 | -7.1 | 1972 |
| 11 | 33.1 | 0.6 | 46.5 | 8.1 | 68 | 20.0 | 20.2 | -6.6 | -14 | -25.6 | 20.2 | -6.6 | -14 | -25.6 | 20.2 | -6.6 | 1972 |
| 12 | 32.0 | 0.0 | 44.3 | 6.8 | 60 | 15.6 | 19.6 | -6.9 | -7 | -21.7 | 19.6 | -6.9 | -7 | -21.7 | 19.6 | -6.9 | 1972 |
| 13 | 30.8 | -0.7 | 42.2 | 5.7 | 63 | 17.2 | 19.5 | -6.9 | -5 | -20.6 | 19.5 | -6.9 | -5 | -20.6 | 19.5 | -6.9 | 1972 |
| 14 | 32.5 | 0.3 | 44.4 | 6.9 | 68 | 20.0 | 20.5 | -6.4 | -5 | -20.6 | 20.5 | -6.4 | -5 | -20.6 | 20.5 | -6.4 | 1972 |
| 15 | 33.6 | 0.9 | 46.1 | 7.8 | 65 | 18.3 | 20.7 | -6.3 | -2 | -18.9 | 20.7 | -6.3 | -2 | -18.9 | 20.7 | -6.3 | 1972 |
| 16 | 33.1 | 0.6 | 45.5 | 7.5 | 60 | 15.6 | 20.3 | -6.5 | 6 | -14.4 | 20.3 | -6.5 | 6 | -14.4 | 20.3 | -6.5 | 1972 |
| 17 | 33.6 | 0.9 | 45.1 | 7.3 | 59 | 15.0 | 21.7 | -5.7 | 6 | -14.4 | 21.7 | -5.7 | 6 | -14.4 | 21.7 | -5.7 | 1971 |
| 18 | 33.1 | 0.6 | 44.0 | 6.7 | 60 | 15.6 | 22.2 | -5.4 | 6 | -14.4 | 22.2 | -5.4 | 6 | -14.4 | 22.2 | -5.4 | 1971 |
| 19 | 32.3 | 0.7 | 45.2 | 7.3 | 65 | 18.3 | 21.2 | -6.0 | 5 | -15.0 | 21.2 | -6.0 | 5 | -15.0 | 21.2 | -6.0 | 1968 |
| 20 | 33.6 | 0.9 | 45.4 | 7.4 | 63 | 17.2 | 21.7 | -5.7 | -4 | -20.0 | 21.7 | -5.7 | -4 | -20.0 | 21.7 | -5.7 | 1968 |
| 21 | 35.7 | 2.1 | 46.7 | 8.2 | 65 | 18.3 | 24.4 | -4.2 | 11 | -11.7 | 24.4 | -4.2 | 11 | -11.7 | 24.4 | -4.2 | 1968 |
| 22 | 34.9 | 1.6 | 44.7 | 7.1 | 69 | 20.6 | 25.0 | -3.9 | 6 | -14.4 | 25.0 | -3.9 | 6 | -14.4 | 25.0 | -3.9 | 1968 |
| 23 | 32.5 | 0.3 | 44.4 | 6.9 | 64 | 17.8 | 21.2 | -6.0 | 9 | -12.8 | 21.2 | -6.0 | 9 | -12.8 | 21.2 | -6.0 | 1970 |
| 24 | 34.4 | 1.3 | 46.1 | 7.8 | 63 | 17.2 | 22.5 | -5.3 | 9 | -12.8 | 22.5 | -5.3 | 9 | -12.8 | 22.5 | -5.3 | 1962 |
| 25 | 32.7 | 0.4 | 44.0 | 6.7 | 57 | 13.9 | 21.3 | -5.9 | 5 | -15.0 | 21.3 | -5.9 | 5 | -15.0 | 21.3 | -5.9 | 1962 |
| 26 | 32.9 | 0.5 | 43.9 | 6.6 | 59 | 15.0 | 21.7 | -5.7 | 5 | -15.0 | 21.7 | -5.7 | 5 | -15.0 | 21.7 | -5.7 | 1962 |
| 27 | 31.8 | -0.1 | 42.6 | 5.9 | 57 | 13.9 | 21.0 | -6.1 | 2 | -16.7 | 21.0 | -6.1 | 2 | -16.7 | 21.0 | -6.1 | 1962 |
| 28 | 32.6 | 0.3 | 43.3 | 6.3 | 62 | 16.7 | 21.7 | -5.7 | 1 | -17.2 | 21.7 | -5.7 | 1 | -17.2 | 21.7 | -5.7 | 1971 |
| 29 | 32.3 | 0.2 | 44.2 | 6.8 | 60 | 15.6 | 20.1 | -6.6 | -1 | -18.3 | 20.1 | -6.6 | -1 | -18.3 | 20.1 | -6.6 | 1971 |
| 30 | 30.0 | -1.1 | 42.6 | 5.9 | 57 | 13.9 | 17.4 | -8.1 | -5 | -20.6 | 17.4 | -8.1 | -5 | -20.6 | 17.4 | -8.1 | 1971 |
| 31 | 29.0 | -1.7 | 41.0 | 5.0 | 59 | 15.0 | 17.0 | -8.3 | -5 | -20.6 | 17.0 | -8.3 | -5 | -20.6 | 17.0 | -8.3 | 1971 |
| Monthly | 33.5 | 0.8 | 45.7 | 7.6 | 71 | 21.7 | 21.2 | -6.0 | -14 | -25.6 | 21.2 | -6.0 | -14 | -25.6 | 21.2 | -6.0 | 1972 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93102 FALLON, NEVADA 45-46, 54-77 YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 45 | | | 70 | 83 | 86 | 97 | 102 | 97 | 94 | 83 | 70 | 62 | |
| 46 | 67 | 68 | | | | | | | | | | | |
| 54 | 52 | 65 | 68 | 75 | 92 | 103 | 101 | 104 | 103 | 84 | 73 | 59 | |
| 55 | 62 | 66 | 77 | 80 | 90 | 103 | | 95 | 97 | 81 | 70 | 68 | 104 |
| 56 | 52 | 67 | 75 | 79 | 87 | 102 | 100 | 97 | 98 | 77 | 74 | 63 | |
| 57 | 64 | 67 | 64 | 78 | 92 | 97 | 101 | 100 | 93 | 88 | 63 | 60 | 102 |
| 58 | 63 | 63 | 69 | 84 | 92 | 101 | 105 | 101 | 93 | 86 | 50 | 64 | 101 |
| 59 | 59 | 62 | 78 | 82 | 90 | 97 | 103 | 102 | 94 | 85 | 75 | 61 | 103 |
| 60 | 37 | 70 | 72 | 86 | 90 | 104 | 102 | 102 | 88 | 86 | 63 | 58 | 104 |
| 61 | 62 | 59 | 74 | 83 | 84 | 96 | 98 | 103 | 93 | 87 | 72 | 65 | 103 |
| 62 | 61 | 73 | 69 | 77 | 90 | 91 | 98 | 98 | 93 | 91 | 68 | 61 | 98 |
| 63 | 58 | 64 | 75 | 80 | 92 | 96 | 100 | 101 | 92 | 90 | 65 | 69 | 101 |
| 64 | 65 | 68 | 70 | 88 | 85 | 92 | 98 | 97 | 88 | 89 | 74 | 60 | 98 |
| 65 | 61 | 57 | 60 | 85 | 91 | 96 | 103 | 99 | 93 | 82 | 72 | 63 | 103 |
| 66 | 58 | 67 | 71 | 63 | 95 | 101 | 102 | 100 | 95 | 81 | 73 | 57 | 102 |
| 67 | 61 | 66 | 76 | 81 | 91 | 100 | 100 | 95 | 96 | 80 | 69 | 61 | 100 |
| 68 | 69 | 59 | 77 | 83 | 90 | 95 | 101 | 102 | 95 | 81 | 75 | 65 | 102 |
| 69 | 67 | 72 | 72 | 76 | 92 | 99 | 100 | 102 | 92 | 87 | 78 | | |
| 70 | 72 | 73 | 80 | 83 | 89 | 93 | 102 | 100 | | 84 | 69 | 57 | |
| 71 | 61 | 69 | 82 | 77 | 90 | 101 | 101 | 100 | 87 | 75 | 62 | 59 | 101 |
| 72 | 59 | | 65 | 82 | 90 | 102 | 102 | 101 | 95 | 80 | 71 | 59 | |
| 73 | 67 | 64 | 71 | 83 | 89 | 96 | 95 | 93 | 91 | | 67 | 59 | |
| 74 | 69 | 68 | 69 | 68 | 87 | 92 | 100 | 94 | 89 | 82 | 72 | | |
| 75 | 58 | 65 | 72 | 77 | 91 | 94 | 100 | 94 | | 78 | 71 | | |
| 76 | 52 | 70 | 75 | 86 | 95 | 98 | 100 | 103 | 98 | 86 | | | |
| 77 | | | | | | | | | | | | | |
| MEAN | 61.5 | 66.2 | 73.0 | 80.1 | 90.0 | 97.8 | 100.7 | 99.2 | 93.5 | 83.6 | 70.7 | 61.3 | 101.9 |
| S. D. | 5.421 | 4.282 | 4.686 | 5.472 | 2.719 | 3.836 | 2.225 | 3.226 | 3.726 | 4.197 | 4.517 | 3.381 | 2.187 |
| TOTAL OBS. | 744 | 650 | 744 | 720 | 744 | 720 | 713 | 744 | 660 | 713 | 720 | 651 | 8523 |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

45-46, 54-77

FALLON, NEVADA

93102

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 45 | | | 21 | 19 | 34 | 33 | 49 | 42 | 31 | 23 | 18 | 4 | |
| 46 | 8 | 11 | | | | | | | | | | | |
| 54 | 3 | 6 | 9 | 16 | 26 | 34 | 43 | 50 | 36 | 24 | 15 | 6 | 3 |
| 55 | 13 | 7 | 13 | 23 | 33 | 37 | | 46 | 41 | 20 | 12 | 12 | |
| 56 | 2- | 13 | 3 | 24 | 34 | 41 | 51 | 45 | 36 | 28 | 11 | 3 | |
| 57 | 12 | 18 | 17 | 26 | 40 | 46 | 53 | 56 | 26 | 22 | 14 | 11 | 2- |
| 58 | 2 | 12 | 20 | 26 | 31 | 42 | 45 | 43 | 29 | 24 | 9 | 13 | 9 |
| 59 | 3 | 12 | 12 | 24 | 30 | 40 | 50 | 37 | 37 | 24 | 14 | 7 | 2 |
| 60 | 7 | 18 | 22 | 25 | 31 | 40 | 45 | 51 | 33 | 22 | 17 | 11 | 3 |
| 61 | 10- | 3 | 20 | 30 | 33 | 37 | 50 | 43 | 37 | 27 | 7 | 1- | 1- |
| 62 | 11- | 22 | 16 | 19 | 34 | 36 | 50 | 45 | 43 | 29 | 12 | 2 | 10- |
| 63 | 10 | 11 | 13 | 23 | 23 | 38 | 48 | 41 | 34 | 29 | 17 | 11 | 11- |
| 64 | 3 | 12 | 11 | 28 | 29 | 36 | 45 | 48 | 24 | 29 | 5 | 9 | 3 |
| 65 | 9 | 12 | 17 | 25 | 37 | 37 | 44 | 43 | 39 | 22 | 21 | 6 | 6 |
| 66 | 14 | 12 | 18 | 22 | 27 | 40 | 51 | 52 | 39 | 26 | 20 | 8 | 8 |
| 67 | 6 | 11 | 20 | 24 | 33 | 40 | 49 | 42 | 31 | 26 | 17 | 4- | 4- |
| 68 | 12 | 20 | 20 | 26 | 36 | 42 | 49 | 51 | 44 | 23 | 10 | 11 | 10 |
| 69 | 4 | 16 | 15 | 20 | 32 | 40 | 52 | 53 | 28 | 16 | 20 | | |
| 70 | 4- | | | | 36 | 39 | | | | 11 | | | |
| 71 | 7- | | 14 | 18 | | 37 | 46 | | 28 | 17 | 17 | | |
| 72 | 2- | | 21 | 24 | 32 | | | 32 | | | 19 | | |
| 73 | 6 | 19 | 20 | 24 | 32 | 37 | 41 | | 37 | | 20 | 2- | |
| 74 | 5- | 16 | 15 | | | | 46 | 46 | 41 | 24 | | | |
| 75 | 10 | | 20 | 19 | 42 | | 46 | 43 | 32 | 32 | | | |
| 76 | | | 10 | | 26 | | | | | | | | |
| 77 | | | | | | | | | | | | | |
| MEAN | 3.5 | 13.3 | 16.0 | 23.1 | 32.3 | 38.6 | 47.7 | 45.6 | 34.6 | 23.7 | 14.6 | 6.6 | 1.5 |
| S. D. | 7.385 | 4.703 | 4.800 | 3.506 | 4.508 | 3.016 | 3.249 | 5.689 | 5.662 | 4.911 | 4.577 | 5.067 | 6.490 |
| TOTAL OBS. | 713 | 536 | 713 | 630 | 682 | 600 | 620 | 620 | 630 | 651 | 630 | 558 | 7583 |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

PSYCHROMETRIC SUMMARY

93102 FALLON, NEVADA STATION NAME 73-77 YEARS JAN MONTH PAGE 1 HOURS (LST.)

05 PSYCHROMETRIC SUMMARY JAN 68

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------------------------|-----------|-----------------|----------|-----------|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 66/ 65 | | | | | | | | | | .3 | | | | | | | | 3 | 3 | | |
| 64/ 63 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | |
| 62/ 61 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 60/ 59 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 58/ 57 | | | | | | .1 | .2 | .1 | .1 | | | | | | | | | 3 | 5 | | |
| 56/ 55 | | | | | | | .4 | 1.2 | .4 | | | | | | | | | 22 | 22 | | |
| 54/ 53 | | | .1 | | | .1 | 1.2 | .5 | | | | | | | | | | 18 | 18 | | |
| 52/ 51 | | | | | .2 | .3 | .9 | .1 | | | | | | | | | | 14 | 14 | | |
| 50/ 49 | | | .1 | .1 | .2 | 1.1 | .3 | .2 | | | | | | | | | | 19 | 19 | 2 | |
| 48/ 47 | | | .2 | .3 | .4 | 1.2 | .4 | | | | | | | | | | | 24 | 24 | 5 | 1 |
| 46/ 45 | .1 | .1 | .1 | .5 | 1.8 | 1.7 | .1 | | | | | | | | | | | 42 | 42 | 10 | 1 |
| 44/ 43 | .1 | .1 | .2 | .8 | 1.5 | .8 | | | | | | | | | | | | 32 | 32 | 18 | 2 |
| 42/ 41 | .1 | | .8 | 1.0 | 2.3 | .3 | | | | | | | | | | | | 41 | 41 | 38 | 5 |
| 40/ 39 | .1 | .8 | 1.7 | 1.6 | .8 | .2 | | | | | | | | | | | | 48 | 48 | 45 | 6 |
| 38/ 37 | .2 | .4 | 1.1 | 2.9 | .4 | .2 | | | | | | | | | | | | 49 | 49 | 54 | 8 |
| 36/ 35 | .5 | .7 | 2.5 | 2.8 | .5 | .1 | | | | | | | | | | | | 66 | 66 | 79 | 18 |
| 34/ 33 | 1.3 | 1.3 | 2.1 | 1.6 | .4 | | | | | | | | | | | | | 62 | 62 | 71 | 41 |
| 32/ 31 | .8 | 1.7 | 3.8 | 1.3 | .2 | | | | | | | | | | | | | 72 | 72 | 75 | 36 |
| 30/ 29 | 1.0 | 2.2 | 3.9 | .7 | | | | | | | | | | | | | | 71 | 71 | 82 | 58 |
| 28/ 27 | 1.8 | 2.2 | 1.4 | .2 | | | | | | | | | | | | | | 52 | 52 | 95 | 90 |
| 26/ 25 | 2.1 | 2.9 | .8 | .2 | | | | | | | | | | | | | | 55 | 55 | 88 | 107 |
| 24/ 23 | 1.8 | 2.2 | .5 | | | | | | | | | | | | | | | 42 | 42 | 55 | 99 |
| 22/ 21 | 1.4 | 1.5 | .5 | | | | | | | | | | | | | | | 32 | 32 | 38 | 98 |
| 20/ 19 | 2.4 | 1.1 | .5 | | | | | | | | | | | | | | | 37 | 37 | 43 | 105 |
| 18/ 17 | 1.8 | 1.1 | | | | | | | | | | | | | | | | 27 | 27 | 37 | 64 |
| 16/ 15 | 2.1 | 1.0 | | | | | | | | | | | | | | | | 28 | 28 | 26 | 45 |
| 14/ 13 | 1.1 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 16 | 33 |
| 12/ 11 | 1.2 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 11 | 33 |
| 10/ 9 | 1.3 | | | | | | | | | | | | | | | | | 12 | 12 | 13 | 31 |
| 8/ 7 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 17 |
| 6/ 5 | .5 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 5 | 8 |
| 4/ 3 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 4 |
| 2/ 1 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 1 |
| 0/- 1 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 2 |
| Element (X) | ΣX | | | | | | | | | | | | | | | | ΣX | | ΣX ² | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | ≥ 0 F | | ≥ 80 F | | |
| Wet Bulb | | | | | | | | | | | | | | | | | ≥ 67 F | | ≥ 93 F | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

STATION NAME

73-77

YEARS

FEB

MONTH

PAGE 1

HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|--|--|--|--|--|--|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | |
| 70/ 69 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | .2 | | | | | | | 2 | 2 | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | .2 | .2 | | | | | | 4 | 4 | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | .5 | .2 | | | | | | 11 | 11 | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | .6 | .5 | | | | | | 10 | 10 | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | .5 | .1 | | | | | | 14 | 14 | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | .5 | | | | | | | 14 | 14 | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | .2 | | | | | | | 25 | 25 | | | | | | | | | |
| 54/ 53 | | | | | .1 | .2 | 1.4 | 1.5 | .2 | | | | | | | | | 30 | 30 | | | | | | | | | |
| 52/ 51 | | | | | .9 | 2.2 | 2.0 | .4 | | | | | | | | | | 47 | 47 | | | | | | | | | |
| 50/ 49 | | | | | .1 | .5 | 2.1 | .8 | .1 | | | | | | | | | 46 | 46 | 1 | | | | | | | | |
| 48/ 47 | | | .1 | .2 | .5 | 1.7 | 1.8 | .1 | | | | | | | | | | 37 | 37 | 7 | | | | | | | | |
| 46/ 45 | | | .2 | 1.2 | 1.1 | 3.2 | .8 | | | | | | | | | | | 55 | 55 | 13 | | | | | | | | |
| 44/ 43 | | .1 | .2 | 1.5 | 2.1 | 2.0 | .5 | | | | | | | | | | | 55 | 55 | 36 | | | | | | | | |
| 42/ 41 | | | .9 | 2.0 | 2.8 | 1.5 | .1 | | | | | | | | | | | 63 | 63 | 58 | 1 | | | | | | | |
| 40/ 39 | | .4 | 1.1 | 2.0 | 2.4 | 1.2 | | | | | | | | | | | | 59 | 59 | 77 | 3 | | | | | | | |
| 38/ 37 | | .8 | 1.9 | 2.4 | 1.8 | .1 | | | | | | | | | | | | 59 | 59 | 97 | 4 | | | | | | | |
| 36/ 35 | | 1.1 | 1.4 | 2.1 | 1.7 | .1 | | | | | | | | | | | | 54 | 54 | 97 | 23 | | | | | | | |
| 34/ 33 | .1 | 1.5 | 2.4 | 2.0 | .5 | | | | | | | | | | | | | 55 | 55 | 98 | 31 | | | | | | | |
| 32/ 31 | .2 | 1.2 | 3.1 | 1.3 | .2 | | | | | | | | | | | | | 51 | 51 | 92 | 35 | | | | | | | |
| 30/ 29 | | 1.3 | 1.5 | .7 | | | | | | | | | | | | | | 30 | 30 | 72 | 62 | | | | | | | |
| 28/ 27 | .1 | 1.7 | 1.8 | .5 | | | | | | | | | | | | | | 34 | 34 | 59 | 71 | | | | | | | |
| 26/ 25 | | 1.5 | .7 | .1 | | | | | | | | | | | | | | 20 | 20 | 41 | 97 | | | | | | | |
| 24/ 23 | .1 | 1.9 | .6 | | | | | | | | | | | | | | | 22 | 22 | 36 | 95 | | | | | | | |
| 22/ 21 | .2 | 1.9 | .5 | | | | | | | | | | | | | | | 22 | 22 | 30 | 87 | | | | | | | |
| 20/ 19 | .5 | 1.1 | .2 | | | | | | | | | | | | | | | 15 | 15 | 20 | 105 | | | | | | | |
| 18/ 17 | .1 | .4 | | | | | | | | | | | | | | | | 4 | 4 | 11 | 92 | | | | | | | |
| 16/ 15 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 60 | | | | | | | |
| 14/ 13 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 33 | | | | | | | |
| 12/ 11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 21 | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | |
| Element (X) | ΣX | | | | | | | | | | | | | | | | | | ΣX | | Mean No. of Hours with Temperature | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | ≥ 80 F ≥ 73 F ≥ 67 F ≥ 62 F ≥ 57 F ≥ 52 F ≥ 47 F ≥ 42 F ≥ 37 F ≥ 32 F ≥ 27 F ≥ 22 F ≥ 17 F ≥ 12 F ≥ 7 F ≥ 2 F | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NAVWEASERVCOM

FEB MONTH

PAGE 2

73-77

FALLON, NEVADA

STATION
93102

STATION NAME

YEARS

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93102 FALLON, NEVADA 73-77 MAR MONTH

STATION NAME YEARS

05 PSYCHROMETRIC SUMMARY JAN 68

PAGE 1

HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|------------------|---------|------------------------------------|---------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | .2 | | | | | 2 | 2 | 2 | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | 2 | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | .3 | .1 | .2 | | | | | 6 | 6 | 6 | | | | | | | | | | |
| 68/ 67 | | | | | | | | | .1 | .1 | .4 | .4 | .1 | | | | | 11 | 11 | 11 | | | | | | | | | | |
| 66/ 65 | | | | | | | | .1 | | .1 | .7 | .5 | | | | | | 14 | 14 | 14 | | | | | | | | | | |
| 64/ 63 | | | | | | | | .1 | .1 | .9 | 1.3 | .2 | | | | | | 24 | 24 | 24 | | | | | | | | | | |
| 62/ 61 | | | | | | | .1 | .1 | 1.0 | 1.5 | .5 | .1 | | | | | | 31 | 31 | 31 | | | | | | | | | | |
| 60/ 59 | | | | | | | .1 | .3 | 1.8 | 1.2 | .3 | | | | | | | 35 | 35 | 35 | | | | | | | | | | |
| 58/ 57 | | | | | | | .1 | 1.1 | 1.8 | .7 | .1 | | | | | | | 36 | 36 | 36 | | | | | | | | | | |
| 56/ 55 | | | | | | | .2 | 1.7 | 1.6 | .3 | | | | | | | | 37 | 37 | 37 | | | | | | | | | | |
| 54/ 53 | | | | | .2 | .3 | 1.2 | 2.7 | 1.2 | | | | | | | | | 52 | 52 | 52 | | | | | | | | | | |
| 52/ 51 | | | .1 | .1 | .2 | .6 | 2.0 | 1.4 | .9 | .1 | | | | | | | | 50 | 50 | 50 | 3 | | | | | | | | | |
| 50/ 49 | | | | | .6 | 1.5 | 1.8 | 1.8 | .1 | | | | | | | | | 55 | 55 | 55 | 9 | | | | | | | | | |
| 48/ 47 | | | .2 | .2 | .9 | 1.3 | 2.0 | 1.0 | | | | | | | | | | 50 | 50 | 50 | 15 | | | | | | | | | |
| 46/ 45 | | | .1 | .4 | 1.5 | 1.7 | 1.4 | .2 | | | | | | | | | | 50 | 50 | 50 | 40 | | | | | | | | | |
| 44/ 43 | | | .2 | .6 | 2.0 | 2.6 | 1.2 | .2 | | | | | | | | | | 64 | 64 | 64 | 76 | | | | | | | | | |
| 42/ 41 | | .1 | .2 | 1.5 | 2.4 | 2.5 | 1.0 | | | | | | | | | | | 71 | 71 | 71 | 82 | | | | | | | | | |
| 40/ 39 | | .1 | 1.0 | 1.9 | 2.0 | 2.0 | .2 | | | | | | | | | | | 68 | 68 | 105 | 2 | | | | | | | | | |
| 38/ 37 | .1 | .1 | 1.1 | 1.8 | 1.2 | .6 | .1 | | | | | | | | | | | 47 | 47 | 75 | 10 | | | | | | | | | |
| 36/ 35 | | .1 | 1.9 | 2.4 | 2.2 | .7 | | | | | | | | | | | | 69 | 69 | 105 | 10 | | | | | | | | | |
| 34/ 33 | .1 | 1.0 | 1.9 | 1.2 | .6 | .1 | | | | | | | | | | | | 46 | 46 | 100 | 22 | | | | | | | | | |
| 32/ 31 | .1 | .3 | 2.0 | 1.5 | .4 | | | | | | | | | | | | | 41 | 41 | 98 | 30 | | | | | | | | | |
| 30/ 29 | | .3 | 1.2 | .3 | | | | | | | | | | | | | | 17 | 17 | 89 | 62 | | | | | | | | | |
| 28/ 27 | .1 | 1.3 | 1.2 | .2 | | | | | | | | | | | | | | 26 | 26 | 54 | 90 | | | | | | | | | |
| 26/ 25 | .1 | .4 | .6 | .1 | | | | | | | | | | | | | | 12 | 12 | 45 | 95 | | | | | | | | | |
| 24/ 23 | | .6 | .5 | | | | | | | | | | | | | | | 11 | 12 | 16 | 92 | | | | | | | | | |
| 22/ 21 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 14 | 122 | | | | | | | | | |
| 20/ 19 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 115 | | | | | | | | | |
| 18/ 17 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 84 | | | | | | | | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 81 | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 47 | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 33 | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 21 | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | |
| Element (X) | Σ X | | | | | | | | | | | | Σ X ² | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | Total | |
| Rel. Hum. | | | | | | | | | | | | | | | ≥ 32 F | | | | | | | | | | | | | | ≥ 93 F | |
| Dry Bulb | | | | | | | | | | | | | | | ≥ 67 F | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | ≥ 73 F | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

93102 FALLON, NEVADA 73-77 APR MONTH

STATION NAME YEARS

05 PSYCHROMETRIC SUMMARY JAN 68

PAGE 1

HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|-----------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dew Point | | |
| 86/85 | | | | | | | | | | | | | | | .1 | .1 | .2 | 2 | 2 | | |
| 84/83 | | | | | | | | | | | | | | | .2 | .4 | .1 | 2 | 2 | | |
| 82/81 | | | | | | | | | | | | | | | .6 | .1 | | 7 | 7 | | |
| 80/79 | | | | | | | | | | | | | | .1 | .3 | | | 7 | 7 | | |
| 78/77 | | | | | | | | | | | | | .3 | .4 | .2 | | | 10 | 10 | | |
| 76/75 | | | | | | | | | | | | .2 | 1.1 | .3 | | | | 12 | 12 | | |
| 74/73 | | | | | | | | | | | .8 | 1.6 | .9 | .1 | | | | 15 | 15 | | |
| 72/71 | | | | | | | | | | .3 | 1.6 | 1.3 | .1 | | | | | 20 | 20 | | |
| 70/69 | | | | | | | | | | .1 | .6 | 1.6 | .6 | .1 | | | | 30 | 30 | | |
| 68/67 | | | | | | | | | | .7 | 1.4 | 1.2 | | | | | | 30 | 30 | | |
| 66/65 | | | | | | | | | | .2 | 1.6 | .6 | .1 | | | | | 31 | 31 | | |
| 64/63 | | | | | | | | | | .1 | 1.3 | 1.6 | .1 | | | | | 38 | 38 | | |
| 62/61 | | | | | | | | | | .1 | 1.3 | 1.6 | .1 | | | | | 45 | 45 | | |
| 60/59 | | | | | | | | | | .1 | 1.3 | 1.6 | .1 | | | | | 43 | 43 | | |
| 58/57 | | | | | | | | | | .1 | .6 | 1.1 | 1.9 | .1 | | | | 48 | 48 | | |
| 56/55 | | | | | | | | | | .1 | .6 | 2.4 | 1.7 | .6 | .2 | | | 50 | 50 | | |
| 54/53 | | | | | | | | | | .1 | .7 | 1.4 | 2.1 | 1.9 | .1 | | | 57 | 57 | | |
| 52/51 | | | | | | | | | | .7 | 1.0 | 2.5 | 2.5 | .7 | | | | 67 | 67 | | |
| 50/49 | | | | | | | | | | .4 | .9 | 1.6 | 2.0 | 1.7 | .7 | | | 65 | 65 | | |
| 48/47 | | | | | | | | | | .4 | .9 | 1.1 | 1.4 | .7 | | | | 43 | 43 | | |
| 46/45 | | | | | | | | | | .1 | .8 | .9 | 2.2 | .7 | .6 | | | 47 | 47 | | |
| 44/43 | | | | | | | | | | .3 | .6 | .6 | 1.6 | 1.7 | .9 | | | 50 | 50 | | |
| 42/41 | | | | | | | | | | .2 | .2 | .9 | 1.3 | .2 | | | | 37 | 37 | | |
| 40/39 | | | | | | | | | | .2 | .2 | 1.4 | .9 | 1.4 | .3 | .2 | | 48 | 48 | | |
| 38/37 | | | | | | | | | | .1 | .3 | .7 | .8 | .9 | | | | 37 | 37 | | |
| 36/35 | | | | | | | | | | .1 | .6 | 1.8 | .8 | .6 | .1 | | | 48 | 48 | | |
| 34/33 | | | | | | | | | | .2 | .2 | .9 | .3 | .8 | .1 | | | 25 | 25 | | |
| 32/31 | | | | | | | | | | .3 | .3 | .4 | .2 | .2 | | | | 35 | 35 | | |
| 30/29 | | | | | | | | | | .1 | .1 | .2 | .1 | | | | | 20 | 20 | | |
| 28/27 | | | | | | | | | | .1 | .1 | .2 | .1 | | | | | 9 | 9 | | |
| 26/25 | | | | | | | | | | .1 | .1 | .2 | | | | | | 5 | 5 | | |
| 24/23 | | | | | | | | | | .1 | .1 | .2 | | | | | | 3 | 3 | | |
| 22/21 | | | | | | | | | | .1 | .1 | .2 | | | | | | 1 | 1 | | |
| 20/19 | | | | | | | | | | .1 | .1 | .2 | | | | | | 9 | 9 | | |
| Element (X) | | | | | | | | | | | | | | | | | | | 23 | 23 | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | 15 | 15 | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | 98 | 98 | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | 89 | 89 | |
| Dew Point | | | | | | | | | | | | | | | | | | | 73 | 73 | |
| | | | | | | | | | | | | | | | | | | | 50 | 50 | |
| | | | | | | | | | | | | | | | | | | | 25 | 25 | |
| | | | | | | | | | | | | | | | | | | | 15 | 15 | |
| | | | | | | | | | | | | | | | | | | | 9 | 9 | |
| | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| | | | | | | | | | | | | | | | | | | | 116 | 116 | |
| | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| | | | | | | | | | | | | | | | | | | | 92 | 92 | |
| | | | | | | | | | | | | | | | | | | | 71 | 71 | |

PSYCHROMETRIC SUMMARY

STATION
93102

FALLON, NEVADA

73-77

| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |
|--------------|-------------|--------------|---------------|--------------|--------------|-------------|--------------|---------------|--------------|
| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |

YEARS

ADR

MONTH

PAGE 2

HOURS (L.S.T.)

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

73-77

MAY

STATION NAME

YEARS

MONTH

PAGE 1
HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | Dew Point | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|------------------------------------|----------|----------|-----------|--------|-------|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | .6 | .1 | 7 | 7 | | | | |
| 86/ 85 | | | | | | | | | | | | | | .2 | .9 | .1 | | 11 | 11 | | | | |
| 84/ 83 | | | | | | | | | | | | | .1 | .3 | 1.3 | .3 | | 19 | 19 | | | | |
| 82/ 81 | | | | | | | | | | | | | .4 | 1.1 | 1.2 | | | 25 | 25 | | | | |
| 80/ 79 | | | | | | | | | | | .1 | .4 | 1.5 | 1.6 | .4 | | | 38 | 38 | | | | |
| 78/ 77 | | | | | | | | | | | .9 | .8 | 2.1 | 2.4 | .1 | | | 50 | 50 | | | | |
| 76/ 75 | | | | | | | | | | .2 | .9 | 1.3 | 2.3 | 1.5 | .1 | | | 58 | 58 | | | | |
| 74/ 73 | | | | | | | | | .1 | .1 | 1.0 | 2.1 | 3.0 | .2 | | | | 61 | 61 | | | | |
| 72/ 71 | | | | | | | | | .6 | .6 | 1.8 | 2.3 | 1.4 | | | | | 63 | 63 | | | | |
| 70/ 69 | | | | | | | | .1 | .2 | 1.5 | 2.1 | 1.2 | .4 | | | | | 52 | 52 | | | | |
| 68/ 67 | | | | | | | | .9 | .3 | 1.5 | 1.7 | 1.5 | | | | | | 55 | 55 | | | | |
| 66/ 65 | | | | | | | | .4 | 1.0 | 1.9 | 1.8 | .4 | | | | | | 56 | 56 | | | | |
| 64/ 63 | | | | | | | | .8 | 2.1 | 1.3 | .5 | | | | | | | 61 | 61 | | | | |
| 62/ 61 | | | .1 | | | | | .3 | .8 | 2.1 | 2.0 | .1 | | | | | | 58 | 58 | 1 | | | |
| 60/ 59 | | | | .1 | | | | 1.2 | 1.6 | 1.6 | .4 | | | | | | | 52 | 52 | 13 | | | |
| 58/ 57 | | | | | | | | 1.2 | 1.3 | 1.2 | .1 | | | | | | | 43 | 43 | 37 | | | |
| 56/ 55 | | .1 | | | | | | 1.0 | 1.7 | .8 | .1 | | | | | | | 42 | 42 | 67 | | | |
| 54/ 53 | | | .2 | | | | | .8 | .5 | .5 | .2 | | | | | | | 37 | 37 | 102 | | | |
| 52/ 51 | | | | .1 | | | | .5 | .5 | .1 | | | | | | | | 24 | 24 | 125 | | | |
| 50/ 49 | | | .1 | .4 | | | | .8 | .2 | .2 | | | | | | | | 23 | 23 | 132 | | | |
| 48/ 47 | | | .2 | .6 | .8 | | | .1 | .4 | | | | | | | | | 20 | 20 | 110 | | | |
| 46/ 45 | | .2 | .1 | .4 | .5 | | | .1 | | | | | | | | | | 17 | 17 | 87 | | | |
| 44/ 43 | | .1 | .5 | .5 | .4 | .1 | | .1 | | | | | | | | | | 17 | 17 | 92 | | | |
| 42/ 41 | | .2 | .3 | .6 | .4 | | | | | | | | | | | | | 15 | 15 | 51 | | | |
| 40/ 39 | | .2 | .2 | .6 | .1 | | | | | | | | | | | | | 11 | 11 | 42 | | | |
| 38/ 37 | | .2 | .4 | | | | | | | | | | | | | | | 6 | 6 | 35 | | | |
| 36/ 35 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 21 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 13 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 3 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 115 | | | |
| | | | | | | | | | | | | | | | | | | | | 88 | | | |
| Element (X) | ΣX ² | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | Mean No. of Hours with Temperature | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | ≤ 0 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

NAVWEASERVCOM

20

93102

FALLON, NEVADA

73-77

MAY

STATION

STATION NAME

YEARS

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PAGE 2

HOURS (L.S.T.)

5-105 PSYCHROMETRIC SUMMARY JAN 68

[illegible]

PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

73-77

JUN

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

55 PSYCHROMETRIC SUMMARY JAN 68

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------------------------|-----------|--------|----------|----------|-----------|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | | Dry Bulb | Wet Bulb | Dew Point |
| 00/ 99 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | |
| 98/ 97 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | | |
| 96/ 95 | | | | | | | | | | | | | | | | | 1.1 | 10 | 10 | | | |
| 94/ 93 | | | | | | | | | | | | | | | | .1 | 1.7 | 16 | 16 | | | |
| 92/ 91 | | | | | | | | | | | | | | | | .2 | 2.2 | 27 | 27 | | | |
| 90/ 89 | | | | | | | | | | | | | | | .1 | 1.2 | 2.3 | 46 | 46 | | | |
| 88/ 87 | | | | | | | | | | | | | | | .1 | 1.6 | 2.4 | 44 | 44 | | | |
| 86/ 85 | | | | | | | | | | | | | | .7 | 1.8 | 2.4 | 52 | 52 | | | | |
| 84/ 83 | | | | | | | | | | | | | | .1 | 1.2 | 2.4 | .8 | 50 | 50 | | | |
| 82/ 81 | | | | | | | | | | | .1 | .7 | 1.4 | 1.9 | 1.9 | .1 | | 55 | 55 | | | |
| 80/ 79 | | | | | | | | | | | .3 | 1.0 | 1.8 | 1.9 | 1.0 | | | 54 | 54 | | | |
| 78/ 77 | | | | | | | | | | 1.0 | 1.0 | 1.6 | 1.7 | 2.0 | .1 | | | 66 | 66 | | | |
| 76/ 75 | | | | | | | | | | .3 | 1.2 | 2.0 | 1.6 | .2 | | | | 59 | 59 | | | |
| 74/ 73 | | | | | | | | | .3 | .6 | 1.4 | 2.0 | 1.2 | .2 | | | | 63 | 63 | | | |
| 72/ 71 | | | | | | | | | .2 | .7 | .9 | 1.0 | 1.3 | .6 | .1 | | | 59 | 59 | | | |
| 70/ 69 | | | | | | | | | .4 | .7 | 1.1 | 1.1 | .9 | .3 | | | | 49 | 49 | | | |
| 68/ 67 | | | | | | | | .1 | .2 | .8 | .9 | 1.0 | 1.4 | .9 | .4 | | | 52 | 52 | | | |
| 66/ 65 | | | | | | | | .4 | .4 | .9 | .4 | 1.3 | 1.3 | .9 | .1 | | | 53 | 53 | | 3 | |
| 64/ 63 | | | | | | | | .1 | .8 | .4 | .8 | 1.2 | .8 | .2 | .1 | | | 40 | 40 | 15 | | |
| 62/ 61 | | | .1 | .3 | .3 | .3 | .3 | .2 | .9 | .2 | .2 | .2 | .1 | | | | | 22 | 22 | 58 | | |
| 60/ 59 | .1 | .1 | .1 | .7 | .2 | .2 | .3 | .3 | .3 | 1.0 | .3 | | | | | | | 30 | 30 | 111 | | |
| 58/ 57 | .3 | .3 | .3 | .1 | .3 | .1 | .7 | .4 | .2 | | | | | | | | | 19 | 19 | 136 | | |
| 56/ 55 | .1 | .1 | .1 | .1 | | .1 | .1 | .3 | .1 | | | | | | | | | 9 | 9 | 157 | 2 | |
| 54/ 53 | .1 | .2 | .2 | .3 | .1 | .3 | .3 | .1 | | | | | | | | | | 10 | 10 | 122 | 3 | |
| 52/ 51 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .2 | | | | | | | | | | 6 | 6 | 101 | 15 | |
| 50/ 49 | | | .1 | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 80 | 31 | |
| 48/ 47 | .1 | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | 47 | 41 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 33 | 54 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 22 | 69 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 8 | 69 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 5 | 69 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 108 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 107 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 81 | |
| Element (X) | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | Total | |
| Rel. Hum. | | | | | | | | | | | | | | | | | ≥ 93 F | ≥ 80 F | ≥ 73 F | ≥ 67 F | ≥ 60 F | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

5 PSYCHROMETRIC SUMMARY JAN 68

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|------------------------------------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 102/101 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | | |
| 100/99 | | | | | | | | | | | | | | | | .1 | .2 | 3 | 3 | | | |
| 98/97 | | | | | | | | | | | | | | | | .1 | 2.5 | 24 | 24 | | | |
| 96/95 | | | | | | | | | | | | | | | | .1 | .6 | 25 | 25 | | | |
| 94/93 | | | | | | | | | | | | | | | | .1 | .3 | 45 | 45 | | | |
| 92/91 | | | | | | | | | | | | | | | | .2 | 1.6 | 77 | 77 | | | |
| 90/89 | | | | | | | | | | | | | | | | .8 | 1.8 | 76 | 76 | | | |
| 88/87 | | | | | | | | | | .1 | .2 | .4 | .9 | | .9 | 2.4 | 1.2 | 85 | 85 | | | |
| 86/85 | | | | | | | | | | .2 | .6 | .3 | .9 | | 1.5 | 1.9 | .1 | 63 | 63 | | | |
| 84/83 | | | | | | | | | | .3 | .3 | .6 | .4 | | 1.5 | 2.4 | .3 | 59 | 59 | | | |
| 82/81 | | | | | | | | | | .1 | .1 | .4 | 1.0 | | 1.7 | 1.4 | | 53 | 53 | | | |
| 80/79 | | | | | | | | | | .3 | .2 | .1 | 1.3 | | .9 | .3 | | 46 | 46 | | | |
| 78/77 | | | | | | | | | | .1 | .3 | .2 | .4 | | .4 | | | 57 | 57 | | | |
| 76/75 | | | | | .1 | | | | | .2 | .3 | .3 | .9 | | .2 | | | 61 | 61 | | | |
| 74/73 | | | | | | .3 | | | | .2 | 1.1 | .5 | .8 | | 1.4 | | | 66 | 66 | | | |
| 72/71 | | | | | | .1 | | | | .3 | .2 | .6 | 1.4 | | .2 | | | 54 | 54 | 2 | | |
| 70/69 | | | | | | .3 | | | | .3 | .9 | .3 | 1.5 | | .1 | | | 46 | 46 | 8 | | |
| 68/67 | | | | | | .2 | | | | .1 | .1 | .8 | .8 | | .1 | | | 28 | 28 | 22 | 2 | |
| 66/65 | | | | | | .1 | | | | .4 | .4 | .4 | .5 | | .2 | | | 18 | 18 | 76 | 7 | |
| 64/63 | | | | | | .3 | | | | .3 | .3 | .3 | .1 | | | | | 14 | 14 | 95 | 6 | |
| 62/61 | | | | | | .1 | | | | .2 | .3 | .3 | .1 | | | | | 10 | 10 | 110 | 10 | |
| 60/59 | | | | | | .2 | | | | .2 | .3 | .3 | .1 | | | | | 9 | 9 | 147 | 19 | |
| 58/57 | | | | | | .1 | | | | .1 | .2 | .1 | | | | | | 1 | 1 | 153 | 17 | |
| 56/55 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | 4 | 4 | 117 | 22 | |
| 54/53 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | 1 | 1 | 81 | 31 | |
| 52/51 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | 2 | 2 | 60 | 31 | |
| 50/49 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 32 | 39 | |
| 48/47 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 15 | 47 | |
| 46/45 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 7 | 75 | |
| 44/43 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 4 | 85 | |
| 42/41 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 1 | 80 | |
| 40/39 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 1 | 81 | |
| 38/37 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 98 | 98 | |
| 36/35 | | | | | | .1 | | | | .1 | .1 | .2 | | | | | | | | 86 | 86 | |
| Element (X) | ΣX | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | |
| Rel. Hum. | ΣX | | | | | | | | | | | | | | | | | | ≥ 67 F | | | |
| Dry Bulb | ΣX | | | | | | | | | | | | | | | | | | ≥ 80 F | | | |
| Wet Bulb | ΣX | | | | | | | | | | | | | | | | | | ≥ 93 F | | | |
| Dew Point | ΣX | | | | | | | | | | | | | | | | | | Total | | | |

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

STATION NAME

73-77

YEARS

AUG

MONTH

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HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|------------------------------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-----------|----------|----------|-----------|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 00/ 99 | | | | | | | | | | | | | | | | | .4 | 4 | 4 | | |
| 98/ 97 | | | | | | | | | | | | | | | | | 1.3 | 12 | 12 | | |
| 96/ 95 | | | | | | | | | | | | | | | | | 1.4 | 14 | 14 | | |
| 94/ 93 | | | | | | | | | | | | | | | | | 1.0 | 17 | 17 | | |
| 92/ 91 | | | | | | | | | | | | | | | | | 2.8 | 42 | 42 | | |
| 90/ 89 | | | | | | | | | | | | | | | | | 2.1 | 61 | 61 | | |
| 88/ 87 | | | | | | | | | | | | | | | | | .6 | 49 | 49 | | |
| 86/ 85 | | | | | | | | | | | | | | | | | .3 | 64 | 64 | | |
| 84/ 83 | | | | | | | | | | | | | | | | | .3 | 69 | 69 | | |
| 82/ 81 | | | | | | | | | | | | | | | | | .2 | 55 | 55 | | |
| 80/ 79 | | | | | | | | | | | | | | | | | .1 | 49 | 49 | | |
| 78/ 77 | | | | | | | | | | | | | | | | | .1 | 51 | 51 | | |
| 76/ 75 | | | | | | | | | | | | | | | | | .1 | 41 | 41 | | |
| 74/ 73 | | | | | | | | | | | | | | | | | .1 | 53 | 53 | | |
| 72/ 71 | | | | | | | | | | | | | | | | | .1 | 55 | 55 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | .1 | 53 | 53 | 2 | |
| 68/ 67 | | | | | | | | | | | | | | | | | .1 | 61 | 61 | 10 | |
| 66/ 65 | | | | | | | | | | | | | | | | | .1 | 47 | 47 | 18 | |
| 64/ 63 | | | | | | | | | | | | | | | | | .1 | 33 | 33 | 58 | |
| 62/ 61 | | | | | | | | | | | | | | | | | .1 | 35 | 35 | 83 | |
| 60/ 59 | | | | | | | | | | | | | | | | | .1 | 24 | 24 | 142 | |
| 58/ 57 | | | | | | | | | | | | | | | | | .1 | 13 | 13 | 155 | |
| 56/ 55 | | | | | | | | | | | | | | | | | .1 | 15 | 15 | 130 | |
| 54/ 53 | | | | | | | | | | | | | | | | | .1 | 6 | 6 | 113 | |
| 52/ 51 | | | | | | | | | | | | | | | | | .1 | 7 | 7 | 82 | |
| 50/ 49 | | | | | | | | | | | | | | | | | .1 | 3 | 3 | 67 | |
| 48/ 47 | | | | | | | | | | | | | | | | | .1 | 2 | 2 | 45 | |
| 46/ 45 | | | | | | | | | | | | | | | | | .1 | 21 | 21 | 86 | |
| 44/ 43 | | | | | | | | | | | | | | | | | .1 | | | 4 | |
| 42/ 41 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | 4 | |
| 40/ 39 | | | | | | | | | | | | | | | | | .1 | | | 2 | |
| 38/ 37 | | | | | | | | | | | | | | | | | .1 | | | 86 | |
| 36/ 35 | | | | | | | | | | | | | | | | | .1 | | | 95 | |
| 34/ 33 | | | | | | | | | | | | | | | | | .1 | | | 72 | |
| | | | | | | | | | | | | | | | | | .1 | | | 66 | |
| Element (X) | ΣX ² | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | |

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

73-75,77

SEP

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|------------------------------------|----------|-----------|--|-------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 96/ 95 | | | | | | | | | | | | | | | | | .6 | 4 | 4 | | | | |
| 94/ 93 | | | | | | | | | | | | | | | | | .8 | 6 | 6 | | | | |
| 92/ 91 | | | | | | | | | | | | | | | | | .3 | 2 | 2 | | | | |
| 90/ 89 | | | | | | | | | | | | | | | | .3 | 1.7 | 14 | 14 | | | | |
| 88/ 87 | | | | | | | | | | | | | | | | .8 | 1.5 | 31 | 31 | | | | |
| 86/ 85 | | | | | | | | | | | | | | | | 1.5 | 2.2 | 29 | 29 | | | | |
| 84/ 83 | | | | | | | | | | | | | | | | .1 | .7 | 21 | 21 | | | | |
| 82/ 81 | | | | | | | | | | | | | | | | .4 | 2.4 | 36 | 36 | | | | |
| 80/ 79 | | | | | | | | | | | | | | | | .1 | 1.8 | 52 | 52 | | | | |
| 78/ 77 | | | | | | | | | | | | | | | | .1 | 2.4 | 48 | 48 | | | | |
| 76/ 75 | | | | | | | | | | | | | | | | .1 | 1.2 | 39 | 39 | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | .1 | 1.2 | 39 | 39 | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | .1 | .6 | 48 | 48 | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | .4 | 1.2 | 41 | 41 | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | .1 | .7 | 39 | 39 | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | .3 | .6 | 41 | 41 | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | .3 | .8 | 26 | 26 | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | .1 | 1.1 | 35 | 35 | 21 | | | |
| 60/ 59 | | | | | | | | | | | | | | | | .1 | 1.0 | 32 | 32 | 35 | 1 | | |
| 58/ 57 | | | | | | | | | | | | | | | | .3 | 1.2 | 30 | 30 | 65 | | | |
| 56/ 55 | | | | | | | | | | | | | | | | .1 | 1.8 | 35 | 35 | 99 | 5 | | |
| 54/ 53 | | | | | | | | | | | | | | | | .1 | .7 | 17 | 17 | 92 | 10 | | |
| 52/ 51 | | | | | | | | | | | | | | | | .4 | .6 | 18 | 18 | 82 | 8 | | |
| 50/ 49 | | | | | | | | | | | | | | | | .1 | .4 | 14 | 14 | 94 | 8 | | |
| 48/ 47 | | | | | | | | | | | | | | | | .1 | .4 | 11 | 11 | 66 | 13 | | |
| 46/ 45 | | | | | | | | | | | | | | | | .3 | .6 | 5 | 5 | 61 | 13 | | |
| 44/ 43 | | | | | | | | | | | | | | | | .1 | .1 | 5 | 5 | 41 | 11 | | |
| 42/ 41 | | | | | | | | | | | | | | | | .1 | .1 | 2 | 2 | 25 | 19 | | |
| 40/ 39 | | | | | | | | | | | | | | | | .1 | .1 | 1 | 1 | 21 | 40 | | |
| 38/ 37 | | | | | | | | | | | | | | | | .1 | .1 | 1 | 1 | 11 | 101 | | |
| 36/ 35 | | | | | | | | | | | | | | | | .1 | .1 | 7 | 7 | 84 | | | |
| 34/ 33 | | | | | | | | | | | | | | | | .1 | .1 | 1 | 1 | 90 | | | |
| 32/ 31 | | | | | | | | | | | | | | | | .1 | .1 | 1 | 1 | 74 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | .1 | .1 | | | 62 | | | |
| Element (X) | | | | | | | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | ≥ 80 F | | ≥ 93 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | |

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

| | | | |
|---------|----------------|-----------|----------------|
| 93102 | FALLON, NEVADA | 73-75, 77 | SEP |
| STATION | STATION NAME | YEARS | MONTH |
| | | | PAGE 2 |
| | | | HOURS (L.S.T.) |

[illegible]

PSYCHROMETRIC SUMMARY

STATION

FALLON, NEVADA

73-77

YEARS

OCT

MONTH

PAGE 1

HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|----------------|---------|----------|---------|------------------------------------|---------|---------|---------|---------|---------|--------|-----------|----------|----------|-----------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 84/ 83 | | | | | | | | | | | | | .1 | .3 | .2 | .1 | | 3 | 3 | | | |
| 82/ 81 | | | | | | | | | | | | | .1 | .3 | .6 | .1 | | 11 | 11 | | | |
| 80/ 79 | | | | | | | | | | | | .1 | .3 | .8 | .4 | | | 15 | 15 | | | |
| 78/ 77 | | | | | | | | | | | | .4 | .3 | 1.3 | | | | 19 | 19 | | | |
| 76/ 75 | | | | | | | | | | .1 | .2 | 1.0 | .8 | 1.0 | .1 | | | 29 | 29 | | | |
| 74/ 73 | | | | | | | | | | .2 | .2 | .6 | 1.5 | .2 | | | | 26 | 26 | | | |
| 72/ 71 | | | | | | | | | | .3 | 1.5 | 1.8 | .5 | | | | | 39 | 39 | | | |
| 70/ 69 | | | | | | | | | | .3 | 1.1 | 1.6 | .1 | .1 | | | | 42 | 42 | | | |
| 68/ 67 | | | | | | | | .2 | .2 | 1.3 | 1.6 | .4 | | | | | | 35 | 35 | | | |
| 66/ 65 | | | | | | | | .3 | .9 | 1.7 | 1.1 | .2 | | | | | | 39 | 39 | | | |
| 64/ 63 | | | | | | .3 | | .3 | .9 | 1.9 | 1.1 | .1 | | | | | | 55 | 55 | | | |
| 62/ 61 | | | | | | .8 | | .6 | 1.3 | 1.5 | .1 | | | | | | | 40 | 40 | | | |
| 60/ 59 | | | | | | .2 | 1.0 | 1.1 | 1.8 | 1.1 | | | | | | | | 48 | 48 | | | |
| 58/ 57 | | | | | .2 | .6 | 1.4 | 1.1 | 2.0 | .4 | | | | | | | | 54 | 54 | 3 | | |
| 56/ 55 | | | .1 | .2 | .3 | 1.3 | 1.6 | 1.6 | 1.2 | .1 | | | | | | | | 60 | 60 | 24 | | |
| 54/ 53 | | | .1 | .4 | .9 | .9 | 1.3 | 1.8 | | | | | | | | | | 50 | 50 | 42 | | |
| 52/ 51 | .1 | | | .2 | 1.2 | 1.0 | 2.6 | .5 | | | | | | | | | | 52 | 52 | 74 | | |
| 50/ 49 | .2 | .2 | .1 | .4 | .6 | 1.3 | 1.6 | | | | | | | | | | | 42 | 42 | 106 | 2 | |
| 48/ 47 | .2 | .3 | .5 | .6 | .6 | 1.5 | 1.2 | | | | | | | | | | | 47 | 47 | 82 | 8 | |
| 46/ 45 | .1 | .3 | .3 | 1.5 | 1.1 | 2.4 | .1 | | | | | | | | | | | 51 | 51 | 101 | 7 | |
| 44/ 43 | | .1 | 1.3 | 1.1 | 1.0 | 1.0 | | | | | | | | | | | | 41 | 41 | 109 | 9 | |
| 42/ 41 | .3 | .5 | .8 | 1.0 | 1.1 | .4 | | | | | | | | | | | | 38 | 38 | 88 | 24 | |
| 40/ 39 | | .6 | .3 | 1.1 | 1.0 | .1 | | | | | | | | | | | | 29 | 29 | 88 | 43 | |
| 38/ 37 | .1 | .1 | .5 | 1.0 | .4 | | | | | | | | | | | | | 20 | 20 | 67 | 70 | |
| 36/ 35 | .1 | .1 | .5 | .6 | | | | | | | | | | | | | | 13 | 13 | 53 | 84 | |
| 34/ 33 | | .1 | .8 | .3 | | | | | | | | | | | | | | 11 | 11 | 32 | 67 | |
| 32/ 31 | | .3 | .5 | .1 | | | | | | | | | | | | | | 9 | 9 | 28 | 63 | |
| 30/ 29 | .2 | .4 | .2 | | | | | | | | | | | | | | | 8 | 8 | 17 | 97 | |
| 28/ 27 | .2 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 13 | 106 | |
| 26/ 25 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 121 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 104 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 64 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 43 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 | |
| Element (X) | ΣX ² | | ΣX | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | | | | | ≥ 93 F | | | | | |
| Dry Bulb | | | | | | | | | | | ≤ 32 F | | | | | | ≥ 80 F | | | | | |
| Wet Bulb | | | | | | | | | | | ≤ 67 F | | | | | | ≥ 73 F | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | |

2

STATION
93102

FALLON, NEVADA

73-77

130

STATION

| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |
|--------------|-------------|--------------|---------------|--------------|--------------|-------------|--------------|---------------|--------------|
| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |

YEARS

MONTH

PAGE 2

HOURS (L.S.T.)

PSYCHROMETRIC SUMMA

JAN 68

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PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

73-77

NOV

STATION

STATION NAME

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MONTH

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HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|-----------|------------------------------------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | | | | | | | | .1 | .2 | .3 | .1 | | | | | 7 | 7 | | |
| 70/ 69 | | | | | | | | | | .1 | .2 | .3 | | | | | | 6 | 6 | | |
| 68/ 67 | | | | | | | | .1 | .1 | .3 | 1.0 | .3 | | | | | | 17 | 17 | | |
| 66/ 65 | | | | | | | | .1 | .8 | .3 | .9 | .1 | | | | | | 20 | 20 | | |
| 64/ 63 | | | | | | | .1 | .7 | .6 | .9 | .2 | | | | | | | 22 | 22 | | |
| 62/ 61 | | | | | | | .1 | .6 | 1.3 | 1.3 | .1 | | | | | | | 33 | 33 | | |
| 60/ 59 | | | .1 | | | .1 | .7 | .7 | .6 | .9 | .1 | | | | | | | 28 | 28 | | |
| 58/ 57 | | | | .2 | .2 | .2 | 1.0 | 2.0 | .7 | .2 | .1 | | | | | | | 40 | 40 | | |
| 56/ 55 | | | | .2 | .2 | .8 | 1.1 | 2.3 | .4 | | | | | | | | | 44 | 44 | | |
| 54/ 53 | | | | .1 | .2 | .8 | 1.9 | 2.2 | .4 | | | | | | | | | 51 | 51 | | |
| 52/ 51 | | | | .1 | .3 | 1.1 | 1.3 | .7 | .2 | | | | | | | | | 34 | 34 | | 4 |
| 50/ 49 | | .1 | .1 | .1 | .9 | 2.0 | 1.1 | .4 | .1 | | | | | | | | | 44 | 44 | | 7 |
| 48/ 47 | | | .4 | .6 | 1.2 | 2.5 | 1.7 | .2 | | | | | | | | | | 59 | 59 | | 32 |
| 46/ 45 | | | .1 | .6 | 1.5 | 2.6 | .9 | .2 | | | | | | | | | | 52 | 52 | | 44 |
| 44/ 43 | | | .3 | .8 | 1.3 | .9 | .3 | | | | | | | | | | | 33 | 33 | | 59 |
| 42/ 41 | | .3 | .4 | 1.6 | 1.8 | 1.0 | .2 | | | | | | | | | | | 48 | 48 | | 81 |
| 40/ 39 | | .2 | 1.0 | 2.9 | 1.0 | .6 | | | | | | | | | | | | 51 | 51 | | 74 |
| 38/ 37 | | .4 | 1.0 | 2.6 | 1.3 | .1 | | | | | | | | | | | | 49 | 49 | | 71 |
| 36/ 35 | .2 | .1 | 2.1 | 2.0 | .8 | .3 | | | | | | | | | | | | 50 | 50 | | 43 |
| 34/ 33 | .1 | .4 | 1.2 | .9 | .8 | .2 | | | | | | | | | | | | 33 | 33 | | 37 |
| 32/ 31 | .4 | 1.1 | 2.8 | .7 | .3 | | | | | | | | | | | | | 48 | 48 | | 69 |
| 30/ 29 | .2 | 1.3 | 1.3 | .1 | .2 | | | | | | | | | | | | | 29 | 29 | | 51 |
| 28/ 27 | .3 | 1.2 | 1.0 | .7 | .2 | | | | | | | | | | | | | 31 | 31 | | 64 |
| 26/ 25 | .1 | .9 | .7 | .3 | | | | | | | | | | | | | | 18 | 18 | | 113 |
| 24/ 23 | .1 | 1.2 | .2 | | | | | | | | | | | | | | | 14 | 14 | | 30 |
| 22/ 21 | .4 | .9 | .1 | | | | | | | | | | | | | | | 13 | 13 | | 27 |
| 20/ 19 | .3 | .6 | .3 | | | | | | | | | | | | | | | 11 | 11 | | 25 |
| 18/ 17 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | 15 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 5 |
| 14/ 13 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | 27 |
| 12/ 11 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 23 |
| 10/ 9 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 9 |
| 8/ 7 | | | | | | | | | | | | | | | | | | 2 | 2 | | 7 |
| 6/ 5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 15 |
| | | | | | | | | | | | | | | | | | | 1 | 1 | | 11 |
| Element (X) | ΣX | | | | | | | | | | | | | | | | ΣX ² | | Mean No. of Hours with Temperature | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | ≥ 80 F | | Total |
| Dry Bulb | | | | | | | | | | | | | | | | | | | ≥ 93 F | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

93102

FALLON, NEVADA

73-77

STATION NAME

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HOURS (L.S.T.)

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PSYCHROMETRIC SUMMARY

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FALLON, NEVADA

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HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

0000

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-----------|------------------------------------|----------|-----------|--|-------|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 68/ 67 | | | | | | | | | | | | .1 | .1 | .1 | .3 | .1 | | 4 | 4 | | | | | |
| 64/ 63 | | | | | | | | | | | | .2 | .3 | .3 | .2 | | | 6 | 6 | | | | | |
| 62/ 61 | | | | | | | | | | | | .1 | .3 | .3 | .1 | | | 10 | 10 | | | | | |
| 60/ 59 | | | | | | | | | | | | .3 | .4 | .3 | .1 | | | 8 | 8 | | | | | |
| 58/ 57 | | | | | | | | | | | | .3 | .4 | .3 | .2 | | | 16 | 16 | | | | | |
| 56/ 55 | | | | | | | | | | | | .6 | .6 | .2 | | | | 16 | 16 | | | | | |
| 54/ 53 | | | | | | | | | | | | .4 | .4 | .3 | | | | 29 | 29 | | | | | |
| 52/ 51 | | | | | | | | | | | | .8 | .7 | .8 | | | | 24 | 24 | | | | | |
| 50/ 49 | | | | | | | | | | | | 1.0 | 1.8 | .2 | .1 | | | 38 | 38 | 8 | | | | |
| 48/ 47 | | | | | | | | | | | | .9 | 1.8 | .1 | | | | 34 | 34 | 11 | | | | |
| 46/ 45 | | | | | | | | | | | | 1.5 | 1.0 | | | | | 50 | 50 | 18 | | | | |
| 44/ 43 | | | | | | | | | | | | 1.9 | 1.8 | .2 | | | | 48 | 48 | 27 | 2 | | | |
| 42/ 41 | | | | | | | | | | | | 2.1 | 1.3 | | | | | 61 | 61 | 56 | 5 | | | |
| 40/ 39 | | | | | | | | | | | | 1.9 | 1.0 | | | | | 64 | 64 | 59 | 5 | | | |
| 38/ 37 | | | | | | | | | | | | .3 | | | | | | 60 | 60 | 64 | 27 | | | |
| 36/ 35 | | | | | | | | | | | | .1 | | | | | | 66 | 66 | 85 | 18 | | | |
| 34/ 33 | | | | | | | | | | | | 1.3 | 1.0 | | | | | 69 | 69 | 106 | 36 | | | |
| 32/ 31 | | | | | | | | | | | | 1.5 | 1.1 | .1 | | | | 40 | 40 | 85 | 52 | | | |
| 30/ 29 | | | | | | | | | | | | .9 | | | | | | 39 | 39 | 83 | 60 | | | |
| 28/ 27 | | | | | | | | | | | | 2.1 | .2 | | | | | 49 | 49 | 47 | 89 | | | |
| 26/ 25 | | | | | | | | | | | | 1.7 | .2 | | | | | 34 | 34 | 74 | 89 | | | |
| 24/ 23 | | | | | | | | | | | | .9 | | | | | | 33 | 33 | 32 | 94 | | | |
| 22/ 21 | | | | | | | | | | | | .6 | | | | | | 15 | 15 | 37 | 76 | | | |
| 20/ 19 | | | | | | | | | | | | .2 | .1 | .2 | | | | 23 | 23 | 29 | 74 | | | |
| 18/ 17 | | | | | | | | | | | | 1.5 | .1 | | | | | 17 | 17 | 25 | 68 | | | |
| 16/ 15 | | | | | | | | | | | | .3 | 1.0 | | | | | 12 | 12 | 13 | 54 | | | |
| 14/ 13 | | | | | | | | | | | | .6 | | | | | | 11 | 11 | 14 | 59 | | | |
| 12/ 11 | | | | | | | | | | | | .1 | | | | | | 8 | 8 | 11 | 34 | | | |
| 10/ 9 | | | | | | | | | | | | .2 | | | | | | 6 | 6 | 5 | 29 | | | |
| 8/ 7 | | | | | | | | | | | | .2 | | | | | | 2 | 2 | 3 | 15 | | | |
| 6/ 5 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | 1 | 3 | | | |
| 4/ 3 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | 1 | 2 | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 2 | | | |
| 0/- 1 | | | | | | | | | | | | .2 | | | | | | 2 | 2 | 1 | 1 | | | |
| Element (X) | ΣX | | | | | | | | | | | | | | | | ΣX | | Mean No. of Hours with Temperature | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | ≥ 80 F | | ≥ 93 F | | Total | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

NAWWEASERVCOM

| STATION | STATION NAME | YEARS | MONTH |
|---------|----------------|-------|-------|
| 93102 | FALLON, NEVADA | 73-77 | DEC |

93102
STATION

FALLON, NEVADA

73-77

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PSYCHROMETRIC SUMMA

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NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

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FALLON, NEVADA

73-77

ALL

STATION NAME

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HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | | Dew Point |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | |
| 102/101 | | | | | | | | | | | | | | | | | .0 | 3 | 3 |
| 100/99 | | | | | | | | | | | | | | | | .0 | .1 | 8 | |
| 98/97 | | | | | | | | | | | | | | | | .0 | .4 | 39 | |
| 96/95 | | | | | | | | | | | | | | | | .0 | .1 | 53 | |
| 94/93 | | | | | | | | | | | | | | | | .0 | .6 | 85 | |
| 92/91 | | | | | | | | | | | | | | | | .0 | .8 | 150 | |
| 90/89 | | | | | | | | | | | | | | | | .0 | .7 | 199 | |
| 88/87 | | | | | | | | | | | | | | | | .0 | .3 | 216 | |
| 86/85 | | | | | | | | | | | | | | | | .0 | .1 | 221 | |
| 84/83 | | | | | | | | | | | | | | | | .0 | .3 | 223 | |
| 82/81 | | | | | | | | | | | | | | | | .0 | .0 | 242 | |
| 80/79 | | | | | | | | | | | | | | | | .0 | .4 | 261 | |
| 78/77 | | | | | | | | | | | | | | | | .0 | .1 | 301 | |
| 76/75 | | | | | | | | | | | | | | | | .0 | .4 | 299 | |
| 74/73 | | | | | | | | | | | | | | | | .0 | .1 | 325 | |
| 72/71 | | | | | | | | | | | | | | | | .0 | .4 | 347 | 2 |
| 70/69 | | | | | | | | | | | | | | | | .0 | .8 | 326 | 10 |
| 68/67 | | | | | | | | | | | | | | | | .0 | .4 | 334 | 32 |
| 66/65 | | | | | | | | | | | | | | | | .0 | .8 | 326 | 97 |
| 64/63 | | | | | | | | | | | | | | | | .0 | .1 | 332 | 168 |
| 62/61 | | | | | | | | | | | | | | | | .0 | .3 | 330 | 273 |
| 60/59 | | | | | | | | | | | | | | | | .0 | .9 | 325 | 448 |
| 58/57 | | | | | | | | | | | | | | | | .0 | .5 | 319 | 531 |
| 56/55 | | | | | | | | | | | | | | | | .0 | .3 | 359 | 596 |
| 54/53 | | | | | | | | | | | | | | | | .0 | .0 | 358 | 568 |
| 52/51 | | | | | | | | | | | | | | | | .0 | .0 | 345 | 553 |
| 50/49 | | | | | | | | | | | | | | | | .0 | .1 | 351 | 613 |
| 48/47 | | | | | | | | | | | | | | | | .0 | .2 | 330 | 511 |
| 46/45 | | | | | | | | | | | | | | | | .0 | .4 | 369 | 528 |
| 44/43 | | | | | | | | | | | | | | | | .0 | .3 | 345 | 596 |
| 42/41 | | | | | | | | | | | | | | | | .0 | .1 | 377 | 601 |
| 40/39 | | | | | | | | | | | | | | | | .0 | .5 | 379 | 626 |
| 38/37 | | | | | | | | | | | | | | | | .0 | .1 | 316 | 572 |
| 36/35 | | | | | | | | | | | | | | | | .0 | .6 | 357 | 623 |
| Element (X) | ΣX | | | | | | | | | | | | | | | | ΣX | | Total |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | |

NAWSEASERVCOM

PSYCHROMETRIC SUMMARY

93102 FALLON, NEVADA 73-77 ALL MONTH
STATION NAME YEARS

555 PSYCHROMETRIC SUMMARY JAN 68

PAGE 2
HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 34/ 33 | .2 | .5 | 1.0 | .7 | .3 | .0 | | | | | | | | | | | | 296 | 296 | 564 | 704 |
| 32/ 31 | .1 | .6 | 1.2 | .5 | .1 | | | | | | | | | | | | | 271 | 271 | 491 | 667 |
| 30/ 29 | .1 | .6 | .9 | .2 | .0 | | | | | | | | | | | | | 199 | 199 | 419 | 798 |
| 28/ 27 | .2 | .8 | .6 | .1 | .0 | | | | | | | | | | | | | 200 | 200 | 347 | 884 |
| 26/ 25 | .2 | .7 | .4 | .1 | | | | | | | | | | | | | | 142 | 142 | 292 | 901 |
| 24/ 23 | .2 | .7 | .2 | | | | | | | | | | | | | | | 122 | 123 | 168 | 863 |
| 22/ 21 | .2 | .5 | .1 | | | | | | | | | | | | | | | 85 | 85 | 144 | 706 |
| 20/ 19 | .3 | .4 | .1 | | | | | | | | | | | | | | | 88 | 88 | 113 | 631 |
| 18/ 17 | .2 | .3 | .0 | | | | | | | | | | | | | | | 52 | 52 | 79 | 466 |
| 16/ 15 | .2 | .2 | | | | | | | | | | | | | | | | 45 | 45 | 53 | 310 |
| 14/ 13 | .2 | .1 | | | | | | | | | | | | | | | | 27 | 27 | 34 | 239 |
| 12/ 11 | .2 | .0 | | | | | | | | | | | | | | | | 24 | 24 | 27 | 157 |
| 10/ 9 | .2 | .0 | | | | | | | | | | | | | | | | 20 | 20 | 20 | 115 |
| 8/ 7 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 7 | 79 |
| 6/ 5 | .1 | .0 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 34 |
| 4/ 3 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 6 | 13 |
| 2/ 1 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 6 |
| 0/- 1 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 5 |
| - 2/- 3 | .0 | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 1 |
| - 4/- 5 | .0 | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 |
| - 6/- 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| - 8/- 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.0 | 6.9 | 8.7 | 8.2 | 7.8 | 8.1 | 7.9 | 7.4 | 6.7 | 6.3 | 5.7 | 5.0 | 4.7 | 3.8 | 3.9 | 2.8 | 3.4 | 10748 | 10749 | 10748 | 10748 |
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NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93102 FALLON, NEVADA

73-77

STATION NAME YEARS

| HRS.(LST.) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|--------------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|
| 01 | MEAN 11.0 | | | | | | | 65.3 | | | | | 51.8 |
| | S. D. | | | | | | | | | | | | 27.366 |
| | TOTAL OBS | 1 | | | | | | 3 | | | | | 4 |
| 04 | MEAN 18.5 | 36.0 | 39.3 | 35.0 | 50.0 | 66.0 | 69.0 | 54.3 | 42.0 | 41.3 | 42.0 | | 42.5 |
| | S. D. | | 6.250 | | | | | | | | | | 12.912 |
| | TOTAL OBS | 2 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 3 | 1 | | 23 |
| 07 | MEAN 22.5 | 27.8 | 33.2 | 42.7 | 56.2 | 66.5 | 70.7 | 64.5 | 56.3 | 42.4 | 31.0 | 26.1 | 45.0 |
| | S. D. | 10.173 | 7.822 | 7.445 | 8.267 | 6.571 | 5.381 | 6.399 | 6.836 | 7.299 | 9.202 | 10.411 | 18.342 |
| | TOTAL OBS | 152 | 141 | 155 | 150 | 155 | 150 | 155 | 120 | 155 | 149 | 149 | 1786 |
| 10 | MEAN 32.7 | 41.7 | 47.0 | 55.2 | 67.0 | 77.4 | 83.3 | 79.3 | 73.5 | 60.5 | 47.4 | 38.1 | 58.5 |
| | S. D. | 9.019 | 7.191 | 8.694 | 10.153 | 10.111 | 8.116 | 7.851 | 7.282 | 8.245 | 8.694 | 8.357 | 18.696 |
| | TOTAL OBS | 154 | 141 | 155 | 150 | 155 | 150 | 155 | 120 | 155 | 150 | 153 | 1793 |
| 13 | MEAN 41.1 | 48.9 | 52.5 | 60.1 | 71.5 | 81.4 | 88.0 | 84.8 | 79.6 | 67.0 | 55.3 | 46.5 | 64.6 |
| | S. D. | 9.949 | 8.660 | 9.538 | 10.838 | 9.872 | 8.382 | 7.893 | 7.486 | 8.934 | 9.371 | 8.780 | 17.939 |
| | TOTAL OBS | 154 | 141 | 155 | 150 | 155 | 150 | 155 | 120 | 155 | 149 | 153 | 1792 |
| 16 | MEAN 41.1 | 49.1 | 52.6 | 61.1 | 72.1 | 82.8 | 89.5 | 85.6 | 80.4 | 66.9 | 54.1 | 45.4 | 64.9 |
| | S. D. | 10.108 | 8.503 | 9.391 | 10.962 | 10.383 | 8.732 | 8.177 | 7.591 | 8.911 | 9.676 | 8.673 | 18.561 |
| | TOTAL OBS | 154 | 141 | 155 | 150 | 155 | 150 | 155 | 120 | 155 | 149 | 153 | 1792 |
| 19 | MEAN 30.8 | 39.8 | 45.5 | 54.2 | 66.3 | 77.5 | 83.9 | 78.1 | 70.3 | 54.6 | 42.2 | 34.6 | 56.5 |
| | S. D. | 9.459 | 6.844 | 8.159 | 9.940 | 10.370 | 8.764 | 7.473 | 7.362 | 7.722 | 8.597 | 8.694 | 19.522 |
| | TOTAL OBS | 153 | 141 | 155 | 150 | 155 | 150 | 155 | 120 | 155 | 149 | 146 | 1784 |
| 22 | MEAN 27.0 | 34.6 | 39.6 | 46.1 | 57.1 | 66.8 | 72.2 | 67.9 | 60.5 | 46.8 | 36.7 | 30.3 | 48.8 |
| | S. D. | 9.395 | 7.077 | 7.692 | 8.436 | 8.759 | 7.466 | 6.969 | 7.356 | 7.546 | 8.980 | 9.855 | 17.044 |
| | TOTAL OBS | 151 | 140 | 155 | 150 | 155 | 149 | 155 | 120 | 155 | 149 | 142 | 1775 |
| ALL HOURS | MEAN 32.5 | 40.3 | 45.0 | 53.2 | 65.0 | 75.4 | 81.3 | 76.6 | 70.0 | 56.3 | 44.5 | 37.0 | 56.4 |
| | S. D. | 11.879 | 10.785 | 10.921 | 11.841 | 11.518 | 10.312 | 9.565 | 11.709 | 12.437 | 12.633 | 11.779 | 19.808 |
| | TOTAL OBS | 921 | 846 | 936 | 902 | 931 | 900 | 930 | 722 | 933 | 894 | 896 | 10749 |

NAVWEASERVCOM

PRINTED BY THE STANDARD REGISTRATION COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93102 FALLON, NEVADA

73-77

| HRS.(LST.) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| | | | | | | | | | | | | | |
| 01 | 11.0 | | | | | | | 51.7 | | | | | 41.5 20.486 |
| 04 | 16.5 | 29.0 | 33.5 | 31.0 | 42.0 | 55.0 | 54.0 | 47.3 | 37.0 | 35.7 | 35.0 | | 36.4 9.908 |
| 07 | 20.9 | 25.1 | 29.1 | 35.6 | 44.8 | 51.9 | 55.5 | 52.3 | 45.4 | 36.7 | 27.8 | 23.7 | 37.4 |
| 10 | 29.8 | 34.7 | 36.8 | 41.5 | 49.1 | 55.4 | 59.5 | 57.8 | 52.9 | 46.1 | 38.6 | 33.2 | 44.5 |
| 13 | 34.5 | 38.1 | 39.2 | 43.5 | 50.5 | 56.4 | 60.8 | 59.3 | 55.0 | 48.4 | 41.9 | 37.1 | 47.0 |
| 16 | 33.9 | 37.8 | 39.0 | 43.6 | 50.8 | 56.9 | 61.2 | 59.2 | 54.8 | 48.0 | 40.9 | 36.1 | 46.8 |
| 19 | 27.4 | 32.9 | 35.5 | 40.1 | 48.1 | 54.6 | 58.7 | 55.7 | 50.5 | 42.6 | 34.6 | 29.9 | 42.6 |
| 22 | 24.6 | 29.8 | 32.5 | 36.4 | 44.5 | 50.7 | 54.4 | 52.2 | 46.7 | 38.9 | 31.4 | 26.9 | 39.1 |
| ALL HOURS | 28.5 | 33.1 | 35.3 | 40.1 | 48.0 | 54.3 | 58.4 | 56.0 | 50.8 | 43.4 | 35.9 | 31.3 | 42.9 |
| | 8.940 | 6.896 | 6.509 | 6.088 | 5.882 | 4.926 | 4.965 | 5.025 | 5.842 | 6.674 | 8.308 | 8.505 | 12.006 |
| | 921 | 846 | 935 | 902 | 931 | 900 | 930 | 934 | 722 | 933 | 884 | 894 | 10748 |

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93102 FALLON, NEVADA

73-77

| HRS.(LST.) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| | | | | | | | | | | | | | |
| 01 | 11.0 | | | | | | | 41.3 | | | | | 33.8 15.522 |
| 04 | 18.5 | 17.0 | 25.7 | 24.5 | 34.0 | 48.0 | 44.0 | 42.0 | 29.5 | 28.7 | 25.0 | | 29.5 9.249 |
| 07 | 17.5 | 19.7 | 22.3 | 26.1 | 33.3 | 39.7 | 44.1 | 42.1 | 34.2 | 29.4 | 22.4 | 19.0 | 29.2 11.634 |
| 10 | 25.5 | 24.9 | 23.2 | 25.2 | 32.1 | 37.7 | 42.8 | 41.9 | 34.8 | 31.1 | 27.9 | 26.1 | 31.1 9.633 |
| 13 | 25.5 | 23.9 | 21.8 | 24.1 | 30.8 | 36.8 | 41.9 | 40.8 | 34.0 | 30.0 | 26.3 | 24.8 | 30.0 9.492 |
| 16 | 23.8 | 22.8 | 20.9 | 23.1 | 30.8 | 36.3 | 41.7 | 39.7 | 32.5 | 28.4 | 25.1 | 23.5 | 29.1 9.687 |
| 19 | 21.4 | 22.5 | 21.0 | 21.9 | 30.0 | 35.1 | 40.0 | 37.4 | 31.7 | 29.0 | 24.0 | 22.2 | 28.0 10.010 |
| 22 | 20.2 | 22.0 | 21.8 | 23.0 | 31.1 | 36.0 | 39.8 | 38.8 | 32.8 | 29.4 | 23.2 | 20.7 | 28.3 10.362 |
| ALL HOURS | 22.3 | 22.6 | 21.9 | 23.9 | 31.3 | 37.0 | 41.7 | 40.1 | 33.3 | 29.6 | 24.8 | 22.8 | 29.3 10.211 |
| | 7.870 | 6.443 | 6.428 | 6.716 | 6.814 | 7.461 | 8.416 | 8.152 | 7.615 | 6.724 | 7.535 | 7.835 | 10.748 |
| | 921 | 846 | 935 | 902 | 931 | 900 | 930 | 936 | 722 | 933 | 896 | 896 | |

5706 RELATIVE HUMIDITY JAN 68

JAN MONTH

73-77

FALLON, NEVADA

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1 |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 2 |
| | 07 | 100.0 | 100.0 | 100.0 | 99.3 | 96.7 | 94.7 | 77.0 | 52.0 | 38.2 | 82.7 | 152 |
| | 10 | 100.0 | 100.0 | 100.0 | 97.4 | 91.6 | 80.5 | 64.3 | 42.2 | 29.9 | 77.0 | 154 |
| | 13 | 100.0 | 100.0 | 94.8 | 80.5 | 55.8 | 33.8 | 20.8 | 16.2 | 9.7 | 37.1 | 154 |
| | 16 | 100.0 | 100.0 | 90.3 | 70.1 | 45.5 | 29.9 | 19.5 | 13.6 | 9.7 | 53.9 | 154 |
| | 19 | 100.0 | 100.0 | 99.3 | 97.4 | 86.9 | 71.2 | 43.1 | 28.1 | 17.6 | 70.2 | 153 |
| | 22 | 100.0 | 100.0 | 99.3 | 99.3 | 96.0 | 86.1 | 60.9 | 41.7 | 31.8 | 77.6 | 151 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.0 | 93.0 | 84.1 | 74.5 | 60.7 | 49.2 | 42.1 | 77.3 | 921 |

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5706 RELATIVE HUMIDITY JAN 68

93102 FALLON, NEVADA

73-77

22

STATION

STATION NAME

PERIOD

MONTE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 01 | | | | | | | | | | | |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | | | | | | 46.0 | 1 |
| | 07 | 100.0 | 100.0 | 100.0 | 97.9 | 92.9 | 80.1 | 61.0 | 35.5 | 9.9 | 73.2 | 141 |
| | 10 | 100.0 | 99.3 | 93.6 | 76.6 | 51.1 | 34.8 | 17.0 | 7.8 | 2.1 | 53.9 | 141 |
| | 13 | 100.0 | 92.9 | 70.2 | 40.4 | 22.0 | 14.2 | 5.7 | .7 | .7 | 40.3 | 141 |
| | 16 | 100.0 | 92.9 | 65.2 | 34.8 | 20.6 | 12.1 | 3.5 | 2.1 | .7 | 38.2 | 141 |
| | 19 | 100.0 | 100.0 | 95.7 | 73.0 | 46.8 | 28.4 | 14.2 | 7.1 | 1.4 | 52.0 | 141 |
| | 22 | 100.0 | 99.3 | 98.6 | 95.7 | 77.9 | 50.0 | 26.4 | 11.4 | 2.9 | 61.8 | 140 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 97.8 | 89.0 | 74.1 | 44.5 | 31.4 | 18.3 | 9.2 | 2.5 | 52.2 | 846 |

20

5706 RELATIVE HUMIDITY JAN 68

93102 FALLON, NEVADA

73-77

MAR

| STATION | STATION NAME |
|---------|--------------|
| 1 | STATION 1 |
| 2 | STATION 2 |
| 3 | STATION 3 |
| 4 | STATION 4 |
| 5 | STATION 5 |
| 6 | STATION 6 |
| 7 | STATION 7 |
| 8 | STATION 8 |
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| 19 | STATION 19 |
| 20 | STATION 20 |
| 21 | STATION 21 |
| 22 | STATION 22 |
| 23 | STATION 23 |
| 24 | STATION 24 |
| 25 | STATION 25 |
| 26 | STATION 26 |
| 27 | STATION 27 |
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| 30 | STATION 30 |
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| 32 | STATION 32 |
| 33 | STATION 33 |
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| 39 | STATION 39 |
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| 91 | STATION 91 |
| 92 | STATION 92 |
| 93 | STATION 93 |
| 94 | STATION 94 |
| 95 | STATION 95 |
| 96 | STATION 96 |
| 97 | STATION 97 |
| 98 | STATION 98 |
| 99 | STATION 99 |
| 100 | STATION 100 |

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 01 | | | | | | | | | | | |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 16.7 | | | | 57.8 | 6 |
| | 07 | 100.0 | 100.0 | 98.7 | 93.5 | 87.0 | 66.9 | 37.0 | 16.9 | 5.2 | 65.7 | 154 |
| | 10 | 100.0 | 96.1 | 78.1 | 47.1 | 22.6 | 10.3 | 2.6 | 1.9 | .6 | 41.3 | 155 |
| | 13 | 100.0 | 86.5 | 47.7 | 18.1 | 6.5 | 3.2 | 1.9 | 1.3 | | 32.2 | 155 |
| | 16 | 100.0 | 82.6 | 38.7 | 18.1 | 10.3 | 5.2 | 1.3 | | | 31.1 | 155 |
| | 19 | 100.0 | 96.1 | 70.3 | 43.2 | 25.8 | 12.9 | 5.8 | .6 | | 40.3 | 155 |
| | 22 | 100.0 | 99.4 | 95.5 | 73.5 | 52.3 | 26.5 | 7.7 | 2.6 | | 50.9 | 155 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 94.4 | 75.6 | 56.2 | 43.5 | 20.2 | 8.0 | 3.3 | .8 | 45.6 | 935 |

5706 RELATIVE HUMIDITY JAN 68

| | |
|-------|------------|
| DATE | 1 MAY 1964 |
| MONTH | MAY |

73-77

FALLON, NEVADA

93102

MONTH

PERIOD

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|-----|-----|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 01 | | | | | | | | | | | |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | | | 54.0 | 1 |
| | 07 | 100.0 | 100.0 | 85.8 | 51.0 | 29.0 | 14.8 | 6.5 | 2.6 | .6 | 44.4 | 155 |
| | 10 | 100.0 | 77.4 | 33.5 | 12.3 | 6.5 | 3.2 | 2.0 | 1.9 | | 29.5 | 155 |
| | 13 | 100.0 | 52.9 | 14.2 | 5.8 | 3.2 | 1.9 | .6 | | | 23.6 | 155 |
| | 16 | 100.0 | 42.6 | 17.4 | 9.0 | 5.2 | 2.6 | 2.6 | .6 | | 23.9 | 155 |
| | 19 | 100.0 | 63.2 | 28.4 | 18.1 | 9.7 | 5.2 | 2.6 | .6 | | 28.5 | 155 |
| | 22 | 100.0 | 96.8 | 64.5 | 38.1 | 18.7 | 12.9 | 7.1 | 3.2 | .6 | 40.0 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 76.1 | 49.1 | 33.5 | 24.6 | 5.8 | 3.1 | 1.3 | .2 | 34.8 | 931 |

20

PRINTED BY THE STANDARD REGISTRATION COMPANY, U. S. A.

MONTH
JUN

PERIOD

MONTH

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21

5706 RELATIVE HUMIDITY JAN 68

MANUSCRIPT RECEIVED 1987

| STATION | STATION NAME | PERIOD | MONTH |
|---------|----------------|--------|-------|
| 93102 | FALLON, NEVADA | 73-77 | JUL |

PERIOD

STATION NAME

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|-----|-----|-----|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 01 | | | | | | | | | | | |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | | | | | | 41.0 | 1 |
| | 07 | 100.0 | 100.0 | 78.1 | 38.7 | 18.1 | 9.7 | 5.8 | 1.9 | | 40.4 | 155 |
| | 10 | 100.0 | 60.0 | 21.9 | 11.6 | 3.9 | 1.3 | .6 | | | 25.7 | 155 |
| | 13 | 100.0 | 38.1 | 12.9 | 5.8 | 1.3 | .6 | .6 | | | 21.3 | 155 |
| | 16 | 100.0 | 34.2 | 9.0 | 5.8 | 2.6 | 2.6 | 1.9 | 1.3 | | 20.7 | 155 |
| | 19 | 100.0 | 43.2 | 13.5 | 8.4 | 4.5 | 3.2 | 2.6 | 2.6 | .6 | 23.5 | 155 |
| | 22 | 100.0 | 85.7 | 50.0 | 20.8 | 10.4 | 5.2 | 3.9 | 3.2 | .6 | 33.4 | 154 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 65.9 | 40.8 | 27.3 | 5.8 | 3.2 | 2.2 | 1.3 | .2 | 29.4 | 930 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

AUG
MONTH

73-77

93102 FALLON, NEVADA

MONTH

PERIOD

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 01 | 100.0 | 100.0 | 100.0 | 66.7 | | | | | | 41.7 | 3 |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 33.3 | 33.3 | 33.3 | | 64.7 | 3 |
| | 07 | 100.0 | 99.4 | 79.4 | 56.1 | 38.1 | 21.3 | 10.3 | 5.2 | 2.6 | 46.9 | 155 |
| | 10 | 100.0 | 68.4 | 34.8 | 17.4 | 7.7 | 4.5 | 1.9 | 1.3 | .6 | 29.2 | 155 |
| | 13 | 100.0 | 47.1 | 17.4 | 7.7 | 4.5 | 1.9 | .6 | | | 23.2 | 155 |
| | 16 | 100.0 | 39.4 | 14.2 | 8.4 | 3.2 | 1.9 | .6 | .6 | | 21.7 | 155 |
| | 19 | 96.8 | 58.1 | 29.0 | 11.6 | 7.1 | 4.5 | 1.9 | .6 | | 26.0 | 155 |
| | 22 | 100.0 | 89.0 | 59.4 | 36.1 | 16.8 | 11.0 | 7.7 | 1.9 | 1.9 | 37.7 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.6 | 75.2 | 54.3 | 36.0 | 22.2 | 9.8 | 7.0 | 5.4 | .6 | 36.4 | 936 |

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

SEP

MONYH

73-75, 77

001534

93102 FALLON, NEVADA

STATION NAME

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|-----|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 01 | | | | | | | | | | | |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 50.0 | 50.0 | 50.0 | | | 61.5 | 2 |
| | 07 | 100.0 | 100.0 | 82.5 | 59.2 | 31.7 | 15.8 | 5.0 | 2.5 | 2.5 | 45.5 | 120 |
| | 10 | 100.0 | 64.2 | 22.5 | 7.5 | 4.2 | 2.5 | .8 | .8 | | 26.2 | 120 |
| | 13 | 99.2 | 38.3 | 9.2 | 4.2 | .8 | .8 | | | | 20.5 | 120 |
| | 16 | 99.2 | 30.0 | 8.3 | 3.3 | | | | | | 18.8 | 120 |
| | 19 | 100.0 | 59.2 | 26.7 | 9.2 | 4.2 | 3.3 | 3.3 | .8 | | 26.1 | 120 |
| | 22 | 100.0 | 93.3 | 63.3 | 37.5 | 13.3 | 5.8 | 3.3 | 1.7 | | 37.5 | 120 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 69.3 | 44.6 | 31.6 | 14.9 | 11.2 | 6.9 | .8 | .4 | 33.7 | 722 |

NAVWEASERVCOM

2

5706 RELATIVE HUMIDITY JAN 68

MONTH

73-77

93102 FALLON, NEVADA

MONTH

DOMINA

STATION NAME

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 01 | | | | | | | | | | | |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 66.7 | | | | 61.3 | 3 |
| | 07 | 100.0 | 100.0 | 99.4 | 89.7 | 70.3 | 50.3 | 34.2 | 14.2 | 9.0 | 62.5 | 155 |
| | 10 | 100.0 | 92.3 | 55.5 | 26.5 | 14.2 | 3.9 | 1.9 | 1.3 | 1.3 | 35.2 | 155 |
| | 13 | 100.0 | 71.0 | 26.5 | 10.3 | 3.9 | 1.9 | 1.3 | 1.3 | .6 | 27.1 | 155 |
| | 16 | 99.4 | 60.0 | 21.9 | 10.3 | 5.2 | 2.6 | 1.9 | .6 | | 25.7 | 155 |
| | 19 | 100.0 | 97.4 | 71.6 | 38.7 | 21.3 | 9.0 | 5.2 | 2.6 | 1.3 | 39.7 | 155 |
| | 22 | 100.0 | 100.0 | 96.1 | 79.4 | 46.5 | 29.7 | 16.1 | 8.4 | 1.9 | 53.1 | 155 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 88.7 | 67.3 | 50.7 | 37.3 | 23.4 | 8.7 | 4.1 | 2.0 | 43.5 | 933 |

NAVWEASERVCOM

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

93102

FALLON, NEVADA

73-77

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 01 | | | | | | | | | | | |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | | | | 51.0 | 1 |
| | 07 | 100.0 | 100.0 | 100.0 | 96.0 | 89.9 | 79.2 | 59.1 | 30.9 | 14.1 | 72.2 | 149 |
| | 10 | 100.0 | 99.3 | 91.3 | 69.3 | 44.0 | 19.3 | 6.0 | 2.7 | | 48.9 | 150 |
| | 13 | 100.0 | 94.0 | 62.4 | 20.1 | 4.7 | 2.7 | 2.0 | .7 | | 34.2 | 149 |
| | 16 | 100.0 | 94.6 | 57.7 | 23.5 | 7.4 | 4.0 | 1.3 | 1.3 | .7 | 34.3 | 149 |
| | 19 | 100.0 | 99.3 | 95.3 | 75.2 | 47.7 | 19.5 | 5.4 | 1.3 | 1.3 | 50.3 | 149 |
| | 22 | 100.0 | 100.0 | 98.0 | 92.6 | 71.1 | 51.0 | 22.8 | 9.4 | 2.0 | 60.1 | 149 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.2 | 86.4 | 68.1 | 52.1 | 25.1 | 14.1 | 6.6 | 2.6 | 50.1 | 896 |

NAVWEASERVCOM

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RESISTANCE COMPANY, U. S. A.

93102 FALLON, NEVADA 73-77 ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 98.0 | 93.0 | 84.1 | 74.5 | 60.7 | 49.2 | 42.1 | 77.3 | 921 |
| FEB | | 100.0 | 97.8 | 89.0 | 74.1 | 44.5 | 31.4 | 18.3 | 9.2 | 2.5 | 52.2 | 846 |
| MAR | | 100.0 | 94.4 | 75.6 | 56.2 | 43.5 | 20.2 | 8.0 | 3.3 | .8 | 45.6 | 935 |
| APR | | 99.8 | 81.4 | 58.5 | 42.9 | 32.5 | 18.4 | 12.7 | 10.2 | 1.4 | 40.7 | 902 |
| MAY | | 100.0 | 76.1 | 49.1 | 33.5 | 24.6 | 5.8 | 3.1 | 1.3 | .2 | 34.8 | 931 |
| JUN | | 99.8 | 65.7 | 40.8 | 26.5 | 20.7 | 3.7 | 2.0 | 1.1 | .4 | 31.3 | 900 |
| JUL | | 100.0 | 65.9 | 40.8 | 27.3 | 5.8 | 3.2 | 2.2 | 1.3 | .2 | 29.4 | 930 |
| AUG | | 99.6 | 75.2 | 54.3 | 38.0 | 22.2 | 9.8 | 7.0 | 5.4 | .6 | 36.4 | 936 |
| SEP | | 99.8 | 69.3 | 44.6 | 31.6 | 14.9 | 11.2 | 8.9 | .8 | .4 | 33.7 | 722 |
| OCT | | 99.9 | 88.7 | 67.3 | 50.7 | 37.3 | 23.4 | 8.7 | 4.1 | 2.0 | 43.5 | 933 |
| NOV | | 100.0 | 98.2 | 86.4 | 68.1 | 52.1 | 25.1 | 14.1 | 6.6 | 2.6 | 50.1 | 896 |
| DEC | | 100.0 | 99.1 | 94.8 | 80.7 | 66.8 | 51.1 | 32.8 | 16.1 | 4.7 | 60.1 | 896 |
| TOTALS | | 99.9 | 84.3 | 66.6 | 51.9 | 37.4 | 23.2 | 14.9 | 9.1 | 4.8 | 44.6 | 10748 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

93102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

JANUARY

MONTH

ALL

HOURS (L.S.T.)

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | | | | | | | | |
| 72 TO 76 | | | | | | | | | | | |
| 67 TO 71 | | | | 40.0 | 60.0 | | | | | 5 | .5 |
| 62 TO 66 | | | | | 25.0 | 25.0 | 12.5 | | 37.5 | 8 | .9 |
| 57 TO 61 | 17.0 | 19.1 | 6.4 | 2.1 | 27.7 | 2.1 | | 4.3 | 21.3 | 47 | 5.1 |
| 52 TO 56 | 12.0 | 16.0 | 4.0 | 14.0 | 26.0 | 8.0 | 8.0 | 4.0 | 8.0 | 50 | 5.4 |
| 47 TO 51 | 11.1 | 23.2 | 5.1 | 7.1 | 17.2 | 7.1 | 6.1 | 5.1 | 18.2 | 99 | 10.7 |
| 42 TO 46 | 22.1 | 16.8 | 3.5 | 8.0 | 15.0 | 4.4 | 7.1 | 3.5 | 19.5 | 113 | 12.3 |
| 37 TO 41 | 17.1 | 12.9 | 5.2 | 4.7 | 12.4 | 6.5 | 5.9 | 7.1 | 25.3 | 170 | 18.5 |
| 32 TO 36 | 15.7 | 11.1 | 5.9 | 2.6 | 15.0 | 7.8 | 2.0 | 7.8 | 32.0 | 153 | 16.6 |
| 27 TO 31 | 11.8 | 8.4 | 7.6 | 2.5 | 16.8 | 6.7 | 7.6 | 5.9 | 32.8 | 119 | 12.9 |
| 22 TO 26 | 9.5 | 13.5 | 5.4 | 6.8 | 5.4 | 6.8 | 2.7 | 1.4 | 48.6 | 74 | 8.0 |
| 17 TO 21 | 2.5 | 10.0 | 5.0 | 2.5 | 17.5 | 17.5 | 2.5 | 2.5 | 40.0 | 40 | 4.3 |
| 12 TO 16 | 11.5 | 10.0 | 7.7 | 7.7 | 11.5 | 3.8 | 7.7 | | 50.0 | 26 | 2.8 |
| 7 TO 11 | | | | 10.0 | 20.0 | 10.0 | 10.0 | | 40.0 | 10 | 1.1 |
| 2 TO 6 | | | | | 16.7 | | | | 83.3 | 6 | .7 |
| -3 TO 1 | | | | | | | | | 100.0 | 1 | .1 |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 13.9 | 13.4 | 5.9 | 5.4 | 15.9 | 6.9 | 5.1 | 5.0 | 28.6 | 921 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

FEBRUARY

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | | | | | | | | |
| 72 TO 76 | | | | | | | | | | | |
| 67 TO 71 | 33.3 | 66.7 | | | | | | | | 3 | .4 |
| 62 TO 66 | 4.3 | 43.5 | | 4.3 | 8.7 | 21.7 | 8.7 | 8.7 | | 23 | 2.7 |
| 57 TO 61 | 3.3 | 16.7 | 10.0 | 3.3 | 16.7 | 16.7 | 10.0 | 6.7 | 16.7 | 30 | 3.5 |
| 52 TO 56 | 13.0 | 14.3 | 3.9 | 6.5 | 11.7 | 20.8 | 10.4 | 3.9 | 15.6 | 77 | 9.1 |
| 47 TO 51 | 7.4 | 13.9 | 6.5 | 8.3 | 25.9 | 12.0 | 10.2 | 6.5 | 9.3 | 108 | 12.8 |
| 42 TO 46 | 9.9 | 12.8 | 9.9 | 9.2 | 20.6 | 5.0 | 12.1 | 5.0 | 15.6 | 141 | 16.7 |
| 37 TO 41 | 16.7 | 9.3 | 4.0 | 8.0 | 16.0 | 3.3 | 9.3 | 7.3 | 26.0 | 150 | 17.7 |
| 32 TO 36 | 18.1 | 6.5 | 5.8 | 8.7 | 14.5 | 8.0 | 4.3 | 5.8 | 28.3 | 138 | 16.3 |
| 27 TO 31 | 16.3 | 3.5 | 2.3 | 6.1 | 20.9 | 7.0 | 7.0 | 8.1 | 26.7 | 86 | 10.2 |
| 22 TO 26 | 10.3 | | 3.4 | 1.7 | 19.0 | 6.9 | 5.2 | 8.6 | 44.8 | 56 | 6.9 |
| 17 TO 21 | 4.0 | | | 4.0 | 24.0 | 8.0 | 4.0 | 8.0 | 48.0 | 25 | 3.0 |
| 12 TO 16 | | | | | | | | | 100.0 | 7 | .8 |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 12.5 | 10.0 | 5.6 | 7.3 | 18.0 | 8.7 | 6.4 | 6.4 | 23.0 | 846 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

MARCH

MONTH

ALL

HOURS (L.S.T.)

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | | | | | | | | |
| 72 TO 76 | | | | | | | | | | | |
| 67 TO 71 | 11.1 | 5.6 | | 5.6 | 33.3 | 66.7 | 22.2 | 5.6 | 5.6 | 3 | .3 |
| 62 TO 66 | 8.6 | 3.4 | 6.9 | 8.6 | 22.2 | 17.2 | 22.4 | 5.2 | 8.6 | 18 | 1.9 |
| 57 TO 61 | 8.5 | 7.3 | 3.7 | 4.9 | 19.0 | 13.4 | 20.7 | 13.4 | 6.1 | 58 | 6.2 |
| 52 TO 56 | 12.3 | 7.9 | 2.6 | 5.3 | 22.0 | 13.2 | 14.0 | 12.3 | 14.9 | 82 | 8.8 |
| 47 TO 51 | 16.2 | 8.5 | 6.9 | 10.8 | 17.5 | 10.0 | 9.2 | 17.7 | 8.3 | 114 | 12.2 |
| 42 TO 46 | 26.3 | 9.9 | 7.2 | 9.9 | 8.6 | 5.9 | 9.2 | 12.5 | 10.3 | 130 | 13.9 |
| 37 TO 41 | 18.2 | 4.1 | 4.7 | 8.1 | 12.8 | 4.1 | 20.3 | 16.2 | 11.3 | 152 | 16.2 |
| 32 TO 36 | 23.1 | 4.2 | 3.5 | 5.6 | 11.2 | 7.0 | 9.1 | 19.6 | 16.8 | 148 | 15.8 |
| 27 TO 31 | 19.6 | 7.1 | | 3.6 | 21.4 | 5.4 | 8.9 | 14.3 | 19.6 | 143 | 15.3 |
| 22 TO 26 | 12.0 | 16.0 | 4.0 | 8.0 | 12.0 | | 8.0 | 4.0 | 36.0 | 56 | 6.0 |
| 17 TO 21 | 16.7 | | | 33.3 | 33.3 | | 16.7 | | | 25 | 2.7 |
| 12 TO 16 | | | 100.0 | | | | | | | 6 | .6 |
| 7 TO 11 | | | | | | | | | | 1 | .1 |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 17.5 | 6.8 | 4.7 | 7.6 | 14.4 | 8.9 | 13.6 | 14.1 | 12.4 | 936 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93102 FALLON, NEVADA STATION NAME JAN 1973 - DEC 1977 YEARS MONTH APRIL ALL HOURS L.S.T.J

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | 12.5 | 12.5 | | 50.0 | | | 23.0 | | | 8 | .9 |
| 77 TO 81 | 15.0 | | 5.0 | 20.0 | 20.0 | | 30.0 | | 10.0 | 20 | 2.2 |
| 72 TO 76 | 26.3 | | 5.3 | 7.9 | 18.4 | 21.1 | 13.2 | 5.3 | 2.6 | 36 | 4.2 |
| 67 TO 71 | 18.8 | 8.7 | 7.2 | 11.6 | 8.7 | 8.7 | 18.8 | 7.2 | 10.1 | 69 | 7.6 |
| 62 TO 66 | 15.1 | 11.8 | 4.3 | 6.5 | 17.2 | 7.5 | 15.1 | 10.8 | 11.8 | 93 | 10.3 |
| 57 TO 61 | 20.5 | 15.2 | 5.4 | 3.6 | 8.9 | 8.0 | 17.9 | 13.4 | 7.1 | 112 | 12.4 |
| 52 TO 56 | 26.7 | 11.6 | 3.4 | 5.5 | 6.8 | 4.1 | 18.5 | 13.7 | 9.6 | 146 | 16.2 |
| 47 TO 51 | 23.5 | 8.1 | 2.9 | 5.1 | 12.5 | 5.9 | 14.0 | 17.6 | 10.3 | 136 | 15.1 |
| 42 TO 46 | 20.2 | 9.2 | 2.5 | 6.7 | 11.8 | 1.7 | 11.8 | 19.3 | 16.8 | 119 | 13.2 |
| 37 TO 41 | 23.9 | 4.5 | | 1.1 | 5.7 | 6.8 | 21.6 | 23.0 | 11.4 | 88 | 9.8 |
| 32 TO 36 | 16.9 | 8.5 | 3.4 | 6.8 | 8.5 | 6.8 | 13.6 | 16.9 | 18.6 | 59 | 6.5 |
| 27 TO 31 | 19.4 | | 7.7 | | 30.8 | 7.7 | 7.7 | 7.7 | 23.1 | 13 | 1.4 |
| 22 TO 26 | | | | | | | | | 100.0 | 1 | .1 |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 21.3 | 9.2 | 3.5 | 5.5 | 11.3 | 6.8 | 16.4 | 14.6 | 11.3 | 902 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

93102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

MAY

MONTH

ALL

HOURS 1-24

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | | 100.0 | 27.3 | | 1 | .1 |
| 82 TO 86 | 11.1 | 11.1 | 8.9 | 4.4 | 6.9 | 13.3 | 24.4 | 15.6 | 2.2 | 11 | 1.2 |
| 77 TO 81 | 21.4 | 10.2 | 7.1 | 2.0 | 6.2 | 8.2 | 22.4 | 15.3 | 5.1 | 45 | 4.8 |
| 72 TO 76 | 21.4 | 12.3 | 6.5 | 3.9 | 5.8 | 6.5 | 22.7 | 14.9 | 5.8 | 98 | 10.5 |
| 67 TO 71 | 23.7 | 8.9 | 3.0 | 4.4 | 7.4 | 5.9 | 22.2 | 18.5 | 5.9 | 154 | 16.5 |
| 62 TO 66 | 14.2 | 6.4 | 5.2 | .6 | 9.7 | 7.7 | 24.5 | 19.4 | 10.3 | 135 | 14.5 |
| 57 TO 61 | 22.6 | 5.2 | .9 | 6.1 | 12.2 | 5.2 | 16.5 | 20.9 | 10.4 | 155 | 16.6 |
| 52 TO 56 | 16.1 | 6.5 | 2.2 | 7.5 | 8.6 | 6.5 | 19.4 | 17.2 | 16.1 | 115 | 12.4 |
| 47 TO 51 | 11.3 | 11.3 | 1.9 | 7.5 | 17.0 | 5.7 | 13.2 | 24.5 | 7.5 | 93 | 10.0 |
| 42 TO 46 | 23.9 | 6.5 | 8.7 | 8.7 | 4.3 | 10.9 | 13.0 | 21.7 | 2.2 | 53 | 5.7 |
| 37 TO 41 | 10.0 | 20.0 | 5.0 | | 10.0 | 10.0 | 20.0 | 25.0 | | 46 | 4.9 |
| 32 TO 36 | 20.0 | 20.0 | | | | 20.0 | 20.0 | | 20.0 | 20 | 2.1 |
| 27 TO 31 | | | | | | | | | | 5 | .5 |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 16.8 | 9.2 | 4.5 | 4.3 | 8.8 | 7.2 | 21.1 | 18.4 | 7.7 | 931 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

03102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

JUNE

MONTH

ALL

HOURS (L.S.T.)

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | 25.0 | 25.0 | | | 25.0 | | 25.0 | | | 4 | .4 |
| 92 TO 96 | 18.4 | 13.2 | 10.5 | | 7.9 | 10.5 | 18.4 | 13.2 | 7.9 | 38 | 4.2 |
| 87 TO 91 | 22.9 | 12.4 | 4.8 | 1.0 | 12.4 | 5.7 | 19.0 | 15.2 | 6.7 | 105 | 11.7 |
| 82 TO 86 | 19.1 | 9.6 | 6.6 | 5.1 | 4.4 | 5.1 | 21.3 | 19.1 | 9.6 | 136 | 15.1 |
| 77 TO 81 | 21.3 | 9.2 | 5.7 | 4.3 | 4.3 | 6.4 | 24.1 | 15.6 | 9.2 | 141 | 15.7 |
| 72 TO 76 | 22.2 | 12.0 | 3.2 | 1.3 | 7.6 | 3.2 | 25.3 | 15.2 | 10.1 | 158 | 17.6 |
| 67 TO 71 | 22.6 | 7.3 | .8 | .8 | 10.5 | 6.5 | 19.4 | 22.6 | 9.7 | 124 | 13.8 |
| 62 TO 66 | 17.8 | 6.5 | | | 11.2 | 6.5 | 23.4 | 19.6 | 15.0 | 107 | 11.9 |
| 57 TO 61 | 24.6 | 10.5 | 5.3 | 3.5 | 1.8 | 10.5 | 19.3 | 15.8 | 8.8 | 57 | 6.3 |
| 52 TO 56 | 21.7 | 4.3 | 4.3 | | 13.0 | 13.0 | 26.1 | 13.0 | 4.3 | 23 | 2.6 |
| 47 TO 51 | 14.3 | | | | 14.3 | 14.3 | 28.6 | 14.3 | 14.3 | 7 | .8 |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 21.0 | 9.7 | 4.1 | 2.1 | 7.9 | 6.2 | 22.1 | 17.2 | 9.7 | 900 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION NAME **FALLON, NEVADA** YEAR **JAN 1973 - DEC 1977** MONTH **JULY** ALL HOURS (L.S.T.)

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | | | | | | | | |
| 72 TO 76 | | | | | | | | | | | |
| 67 TO 71 | | | | | | | | | | | |
| 62 TO 66 | | | | | | | | | | | |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 19.4 | 6.3 | 2.4 | 1.3 | 9.0 | 6.3 | 23.9 | 21.0 | 10.1 | 93.0 | 100.0 |

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

93102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

AUGUST

MONTH

ALL

HOURS (L.S.T.)

| TEMP. | NNW & N | NNE & NE | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL | |
|------------|------------|-------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|-------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | 37.5 | 12.5 | 6.3 | | | 25.0 | 6.3 | 12.5 | 16 | 1.7 | |
| 92 TO 96 | 26.5 | 10.2 | 6.1 | 6.2 | 14.3 | 10.2 | 16.4 | 2.0 | 49 | 5.2 | |
| 87 TO 91 | 27.6 | 10.4 | .7 | 7.5 | 6.0 | 19.4 | 19.4 | 6.0 | 134 | 14.3 | |
| 82 TO 86 | 20.8 | 11.3 | 1.3 | 6.9 | 6.3 | 18.2 | 20.1 | 10.1 | 159 | 17.0 | |
| 77 TO 81 | 16.3 | 10.1 | 7.8 | 8.5 | 7.0 | 23.3 | 17.1 | 8.5 | 129 | 13.8 | |
| 72 TO 76 | 13.2 | 8.3 | 5.3 | 10.7 | 6.6 | 16.5 | 22.3 | 11.6 | 121 | 12.9 | |
| 67 TO 71 | 12.0 | 7.0 | 2.1 | 2.8 | 4.9 | 16.2 | 18.3 | 11.3 | 142 | 15.2 | |
| 62 TO 66 | 10.9 | 2.0 | 4.0 | 21.8 | 5.9 | 14.9 | 18.8 | 18.8 | 101 | 10.8 | |
| 57 TO 61 | 7.6 | 5.9 | 3.9 | 13.7 | 3.9 | 9.8 | 23.5 | 31.4 | 51 | 5.4 | |
| 52 TO 56 | 9.0 | 4.0 | 4.0 | 16.0 | | 12.0 | 24.0 | 32.0 | 25 | 2.7 | |
| 47 TO 51 | | 12.5 | | | 25.0 | 25.0 | 25.0 | 12.5 | 8 | .9 | |
| 42 TO 46 | | | | | | | | 100.0 | 1 | .1 | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 17.1 | 8.4 | 4.3 | 2.5 | 12.6 | 6.3 | 17.3 | 19.4 | 12.1 | 936 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

33102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

SEPTEMBER

MONTH

ALL

HOURS (15:00)

| TEMP. | NNW & N | NNE & NE | ESE & E | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122+ | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | |
| 92 TO 96 | 27.3 | 9.1 | 9.1 | 27.3 | 9.1 | 9.1 | 9.1 | | 11 | 1.5 |
| 87 TO 91 | 30.4 | 21.7 | 4.3 | 2.2 | 2.2 | 8.7 | 15.2 | 15.2 | 46 | 6.4 |
| 82 TO 86 | 31.4 | 21.4 | 1.4 | 4.3 | 4.3 | 11.4 | 15.7 | 8.6 | 70 | 9.7 |
| 77 TO 81 | 27.6 | 20.7 | 3.4 | 7.8 | 4.3 | 9.5 | 13.8 | 9.5 | 116 | 16.1 |
| 72 TO 76 | 20.0 | 18.0 | 3.0 | 3.0 | 5.0 | 16.0 | 11.0 | 23.0 | 100 | 13.9 |
| 67 TO 71 | 20.8 | 14.2 | 2.8 | 5.7 | 3.8 | 22.6 | 9.4 | 17.0 | 106 | 14.7 |
| 62 TO 66 | 13.6 | 9.1 | 4.5 | 17.0 | 5.7 | 10.2 | 11.4 | 28.4 | 88 | 12.2 |
| 57 TO 61 | 19.7 | 3.9 | 1.3 | 21.1 | 9.2 | 11.8 | 13.2 | 19.7 | 76 | 10.5 |
| 52 TO 56 | 15.9 | 1.6 | 1.6 | 23.8 | 12.7 | 12.7 | 4.8 | 27.0 | 63 | 8.7 |
| 47 TO 51 | 12.5 | 6.3 | 3.1 | 21.9 | 12.5 | 9.4 | 9.4 | 23.0 | 32 | 4.4 |
| 42 TO 46 | | | 8.3 | 8.3 | 16.7 | 8.3 | | 58.3 | 12 | 1.7 |
| 37 TO 41 | | | | | 50.0 | | 50.0 | | 2 | .3 |
| 32 TO 36 | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | |
| TOTALS | 21.3 | 13.3 | 2.1 | 2.5 | 10.9 | 6.4 | 13.0 | 11.5 | 722 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

92102
STATION

FALLON, NEVADA

STATION NAME

JAN 1973 - DEC 1977

YEARS

OCTOBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 28.6 | 14.3 | | | 7 | .8 |
| 77 TO 81 | 22.0 | 29.3 | 2.4 | 4.9 | 9.8 | 7.3 | 14.6 | 2.4 | 7.3 | 41 | 4.4 |
| 72 TO 76 | 16.2 | 25.7 | 8.1 | 6.8 | 16.2 | 4.1 | 6.8 | 1.4 | 14.9 | 74 | 7.9 |
| 67 TO 71 | 28.9 | 20.6 | 7.2 | 3.1 | 12.4 | 1.0 | 9.3 | 6.2 | 11.3 | 97 | 10.4 |
| 62 TO 66 | 24.1 | 19.4 | 4.6 | 4.6 | 11.1 | | 10.2 | 3.7 | 22.2 | 108 | 11.6 |
| 57 TO 61 | 21.9 | 12.5 | 3.1 | 1.6 | 13.3 | 6.3 | 16.4 | 7.8 | 17.2 | 128 | 13.7 |
| 52 TO 56 | 23.1 | 11.9 | 3.0 | 4.5 | 11.9 | 4.5 | 13.4 | 8.2 | 19.4 | 134 | 14.4 |
| 47 TO 51 | 18.8 | 4.3 | 1.7 | 4.3 | 14.5 | 7.7 | 12.0 | 11.1 | 25.6 | 117 | 12.5 |
| 42 TO 46 | 10.8 | 3.3 | 1.7 | 2.5 | 12.5 | 13.3 | 10.8 | 6.7 | 38.3 | 120 | 12.9 |
| 37 TO 41 | 10.2 | 5.1 | 1.7 | 3.4 | 23.7 | 3.4 | 13.6 | 1.7 | 37.3 | 59 | 6.3 |
| 32 TO 36 | | | 3.6 | 7.1 | 17.9 | | 10.7 | 3.6 | 57.1 | 28 | 3.0 |
| 27 TO 31 | | | | 11.1 | 16.7 | | | | 72.2 | 18 | 1.9 |
| 22 TO 26 | | | | | | | | | 100.0 | 2 | .2 |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 18.9 | 12.5 | 3.6 | 4.0 | 13.7 | 5.4 | 11.7 | 6.0 | 24.2 | 933 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

93102
STATION

FALLON, NEVADA

JAN 1973 - DEC 1977
YEARS

NOVEMBER

ALL
HOURS U.S.T.

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | | | | | | | | |
| 72 TO 76 | | | | | | 50.0 | | | | 2 | .2 |
| 67 TO 71 | 7.1 | 28.6 | 7.1 | 7.1 | 21.4 | 3.6 | 10.7 | | 14.3 | 28 | 3.1 |
| 62 TO 66 | 6.8 | 28.8 | 11.9 | 1.7 | 8.5 | 6.8 | 11.9 | 1.7 | 22.0 | 59 | 6.6 |
| 57 TO 61 | 8.3 | 22.6 | 7.1 | 2.4 | 16.7 | 3.6 | 14.3 | 4.8 | 20.2 | 84 | 9.4 |
| 52 TO 56 | 8.8 | 15.9 | 4.4 | 2.7 | 17.7 | 8.0 | 12.4 | 4.4 | 25.7 | 113 | 12.6 |
| 47 TO 51 | 10.9 | 13.4 | 3.4 | 4.2 | 20.2 | 6.7 | 9.2 | 5.9 | 26.1 | 119 | 13.3 |
| 42 TO 46 | 14.5 | 12.7 | 6.4 | 3.6 | 13.6 | 8.2 | 9.1 | 9.1 | 22.7 | 110 | 12.3 |
| 37 TO 41 | 19.5 | 6.1 | 6.5 | 1.6 | 16.3 | 1.6 | 8.1 | 6.5 | 31.7 | 123 | 13.7 |
| 32 TO 36 | 16.5 | 11.9 | 1.8 | 5.5 | 15.6 | 6.4 | 3.7 | 5.5 | 33.0 | 109 | 12.2 |
| 27 TO 31 | 4.9 | 4.9 | 3.7 | 6.1 | 13.4 | 7.3 | 8.5 | 4.9 | 46.3 | 82 | 9.2 |
| 22 TO 26 | 15.8 | | 2.6 | | 10.5 | 10.5 | 5.3 | 2.6 | 52.6 | 38 | 4.2 |
| 17 TO 21 | 5.0 | 5.0 | 5.0 | | 5.0 | 10.0 | | 10.0 | 60.0 | 20 | 2.2 |
| 12 TO 16 | | | | | | | | | 100.0 | 5 | .6 |
| 7 TO 11 | | | | | 33.3 | | | | 66.7 | 3 | .3 |
| 2 TO 6 | | | | | | | | | 100.0 | 1 | .1 |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 11.7 | 13.5 | 5.1 | 3.3 | 15.4 | 6.3 | 8.9 | 5.4 | 30.4 | 896 | 100.0 |

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

STATION NAME FALLON, NEVADA STATION 93102 JAN 1973 - DEC 1977 MONTH DECEMBER ALL HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ESE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | | | | | | | | |
| 77 TO 81 | | | | | | | | | | | |
| 72 TO 76 | | | | | | | | | | | |
| 67 TO 71 | | | | | | | | | | | |
| 62 TO 66 | | | | | | | | | | | |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 10.5 | 13.1 | 5.1 | 6.5 | 16.2 | 4.9 | 7.6 | 4.6 | 31.6 | 89.6 | 100.0 |

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

93102
STATION

FALLON, NEVADA

JAN 1973 - DEC 1977

ALL
MONTH

ALL
HOURS (L.S.T.)

| WIND DIRECTION | | | | | | | | | | | |
|----------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | 100.0 | | 1 | .0 |
| 97 TO 101 | 30.6 | 14.3 | 6.1 | | 2.0 | 6.1 | 20.4 | 12.2 | 8.2 | 49 | .5 |
| 92 TO 96 | 24.0 | 8.8 | 3.9 | 2.9 | 6.4 | 9.8 | 19.6 | 19.6 | 4.9 | 204 | 1.9 |
| 87 TO 91 | 25.3 | 10.6 | 3.8 | .6 | 6.4 | 5.6 | 21.0 | 19.6 | 7.0 | 499 | 4.6 |
| 82 TO 86 | 21.1 | 11.3 | 4.5 | 2.3 | 7.3 | 6.5 | 21.6 | 17.5 | 7.9 | 573 | 5.3 |
| 77 TO 81 | 21.0 | 11.9 | 4.9 | 3.1 | 8.3 | 6.8 | 20.6 | 14.8 | 8.6 | 675 | 6.3 |
| 72 TO 76 | 17.5 | 11.3 | 4.5 | 3.6 | 10.2 | 6.1 | 19.4 | 15.4 | 11.9 | 804 | 7.5 |
| 67 TO 71 | 18.6 | 10.3 | 3.3 | 3.6 | 13.5 | 5.7 | 18.6 | 14.4 | 12.0 | 827 | 7.7 |
| 62 TO 66 | 14.4 | 11.0 | 3.9 | 3.3 | 14.3 | 6.9 | 17.1 | 13.1 | 16.0 | 842 | 7.8 |
| 57 TO 61 | 16.5 | 10.6 | 3.9 | 3.5 | 13.9 | 8.7 | 15.8 | 12.8 | 14.2 | 790 | 7.3 |
| 52 TO 56 | 16.2 | 11.3 | 3.4 | 4.5 | 14.5 | 6.3 | 13.7 | 10.1 | 17.9 | 903 | 8.4 |
| 47 TO 51 | 14.6 | 11.2 | 4.5 | 7.1 | 17.1 | 8.0 | 11.0 | 11.7 | 14.8 | 840 | 7.8 |
| 42 TO 46 | 15.2 | 11.8 | 5.8 | 6.7 | 14.3 | 6.9 | 9.8 | 9.8 | 19.8 | 930 | 8.7 |
| 37 TO 41 | 18.5 | 9.6 | 3.5 | 5.3 | 14.3 | 4.4 | 11.7 | 10.3 | 22.5 | 856 | 8.0 |
| 32 TO 36 | 16.8 | 9.0 | 5.1 | 5.9 | 13.7 | 5.9 | 6.1 | 8.7 | 28.7 | 808 | 7.5 |
| 27 TO 31 | 13.4 | 7.2 | 4.3 | 6.0 | 15.3 | 6.4 | 6.6 | 6.6 | 34.2 | 515 | 4.8 |
| 22 TO 26 | 10.4 | 7.2 | 5.0 | 3.1 | 15.7 | 5.0 | 6.9 | 5.7 | 40.9 | 318 | 3.0 |
| 17 TO 21 | 7.0 | 7.6 | 3.5 | 6.4 | 12.2 | 7.0 | 3.5 | 2.9 | 50.0 | 172 | 1.6 |
| 12 TO 16 | 2.5 | 7.5 | 3.8 | 2.5 | 12.5 | 8.8 | 3.8 | 1.3 | 57.5 | 80 | .7 |
| 7 TO 11 | 7.3 | | 4.9 | 7.3 | 17.1 | 2.4 | 7.3 | | 53.7 | 41 | .4 |
| 2 TO 6 | | 7.7 | | 7.7 | 15.4 | 15.4 | 15.4 | | 38.5 | 13 | .1 |
| -3 TO 1 | 12.5 | | | | 25.0 | | | | 62.5 | 8 | .1 |
| -8 TO -4 | | | | | | | | | 100.0 | 1 | .0 |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 17.0 | 10.4 | 4.3 | 4.4 | 12.8 | 6.7 | 14.2 | 12.0 | 13.2 | 10749 | 100.0 |

NAVWEASERVCOM

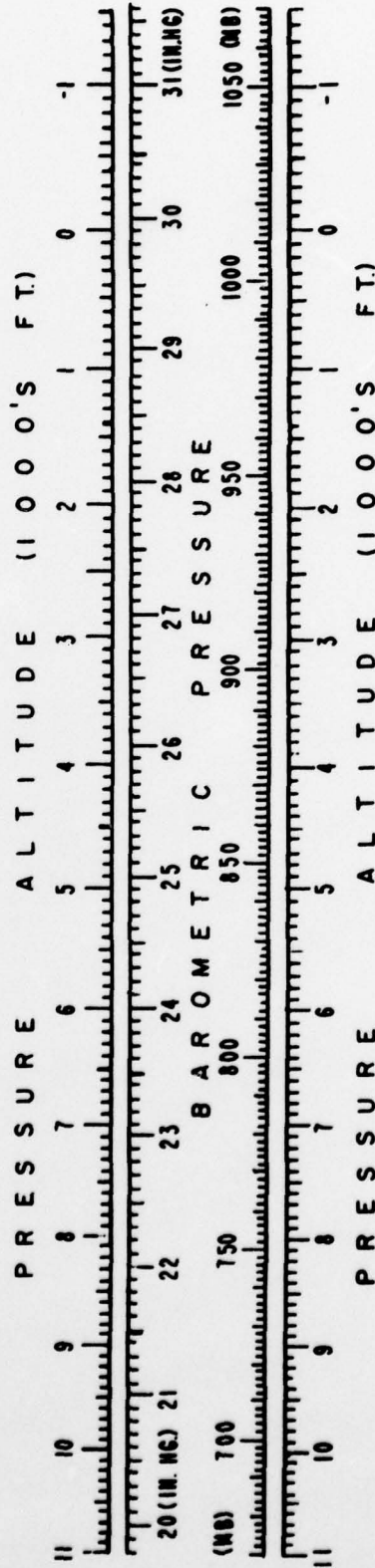
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-77

FALLON, NEVADA

93102

| HRS.(LST.) | STATION NAME | | | | | | | | | | | | ANNUAL |
|------------|----------------------------|--|------|------|-----|------|------|-------------|------|------|------|------|-------------------------|
| | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | |
| 01 | MEAN S. D. TOTAL OBS | 26.030 1 | | | | | | 26.053 3 | | | | | 26.048 .029 4 |
| 04 | MEAN S. D. TOTAL OBS | 26.01025.93025.97326.02025.91025.96025.96026.07026.15026.10025.800 2 1 6 2 1 1 1 3 2 3 1 | | | | | | | | | | | 26.012 .098 23 |
| 07 | MEAN S. D. TOTAL OBS | 26.12226.09325.97526.01125.98726.00726.04126.04626.06626.09426.09926.136 .196 .191 .169 .149 .111 .107 .080 .074 .094 .139 .186 .181 152 141 153 150 155 150 155 155 120 155 149 149 1786 | | | | | | | | | | | 26.056 .155 1786 |
| 10 | MEAN S. D. TOTAL OBS | 26.15426.11425.98426.01425.98025.99826.03526.04326.07126.10626.11926.165 .198 .192 .170 .147 .115 .110 .081 .074 .095 .140 .187 .179 154 141 155 150 155 150 155 120 155 150 152 1792 | | | | | | | | | | | 26.065 .160 1792 |
| 13 | MEAN S. D. TOTAL OBS | 26.10126.06825.94025.97225.93625.95725.99125.99626.02026.05226.06726.108 .191 .189 .167 .145 .111 .109 .081 .075 .095 .136 .181 .171 154 141 155 150 155 150 155 120 155 149 153 1792 | | | | | | | | | | | 26.017 .155 1792 |
| 16 | MEAN S. D. TOTAL OBS | 26.08926.04125.90925.93325.89925.91825.94525.94925.97526.02126.05126.094 .187 .182 .162 .141 .103 .102 .083 .073 .093 .132 .179 .166 154 141 155 150 155 150 155 120 155 149 153 1792 | | | | | | | | | | | 25.985 .155 1792 |
| 19 | MEAN S. D. TOTAL OBS | 26.10626.05925.92425.94125.90825.92625.94925.95525.98226.03826.06926.113 .184 .180 .161 .134 .095 .092 .081 .071 .087 .132 .179 .168 153 141 155 150 155 150 155 120 155 149 146 1784 | | | | | | | | | | | 25.997 .154 1784 |
| 22 | MEAN S. D. TOTAL OBS | 26.11726.07825.96025.98325.95025.96925.99725.99626.01626.08626.124 .186 .183 .176 .140 .096 .087 .075 .070 .085 .136 .180 .174 151 140 155 150 155 149 154 120 155 149 142 1775 | | | | | | | | | | | 26.027 .152 1775 |
| ALL HOURS | MEAN S. D. TOTAL OBS | 26.11426.07525.94925.97625.94325.96225.99325.99826.02226.06226.08126.123 .191 .187 .169 .146 .110 .106 .088 .082 .099 .138 .183 .175 921 846 936 902 931 900 930 722 933 896 895 10748 | | | | | | | | | | | 26.024 .158 10748 |

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

73-77

FALLON, NEVADA

93102

| HRS. (L.S.T.) | STATION NAME | | | | | | | | | | | | ANNUAL |
|---------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | |
| 01 | MEAN | | | | | | | 1014.0 | | | | | 1016.0 |
| | S. D. | | | | | | | | | | | | 4.169 |
| 04 | TOTAL OBS | 1 | | | | | | 3 | | | | | 4 |
| | MEAN | 1020.6 | 1013.9 | 1014.9 | 1017.8 | 1010.5 | 1009.8 | 1015.7 | 1021.0 | 1019.0 | 1008.6 | | 1015.9 |
| | S. D. | | | 3.748 | | | | | | | | | 4.311 |
| 07 | TOTAL OBS | 2 | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 3 | 1 | | 23 |
| | MEAN | 1024.4 | 1022.0 | 1016.6 | 1016.7 | 1013.9 | 1013.3 | 1014.8 | 1016.6 | 1019.8 | 1021.8 | 1024.3 | 1018.2 |
| | S. D. | 8.246 | 7.986 | 7.006 | 5.875 | 4.101 | 4.107 | 3.071 | 2.874 | 3.867 | 5.762 | 7.841 | 7.209 |
| 10 | TOTAL OBS | 152 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 120 | 155 | 149 | 1786 |
| | MEAN | 1025.1 | 1022.2 | 1016.3 | 1016.5 | 1013.6 | 1012.9 | 1013.7 | 1014.5 | 1016.4 | 1019.6 | 1021.8 | 1018.1 |
| | S. D. | 8.096 | 7.798 | 6.950 | 5.812 | 4.314 | 4.287 | 3.137 | 2.935 | 3.934 | 5.640 | 7.656 | 7.337 |
| 13 | TOTAL OBS | 154 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 120 | 155 | 150 | 1793 |
| | MEAN | 1022.5 | 1020.1 | 1014.5 | 1014.9 | 1011.9 | 1012.1 | 1012.1 | 1012.7 | 1014.4 | 1017.3 | 1019.4 | 1016.1 |
| | S. D. | 7.728 | 7.578 | 6.834 | 5.809 | 4.344 | 3.207 | 2.968 | 3.924 | 5.515 | 7.331 | 7.200 | 6.980 |
| 16 | TOTAL OBS | 154 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 120 | 155 | 149 | 1792 |
| | MEAN | 1022.1 | 1019.2 | 1013.5 | 1013.5 | 1010.7 | 1010.5 | 1011.2 | 1012.9 | 1016.3 | 1019.0 | 1021.7 | 1015.1 |
| | S. D. | 7.583 | 7.416 | 6.604 | 5.680 | 3.929 | 4.144 | 3.286 | 2.907 | 3.854 | 5.392 | 7.269 | 7.101 |
| 19 | TOTAL OBS | 154 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 120 | 155 | 149 | 1792 |
| | MEAN | 1023.7 | 1020.7 | 1014.5 | 1013.9 | 1010.8 | 1010.4 | 1010.4 | 1011.3 | 1013.4 | 1017.7 | 1020.6 | 1015.8 |
| | S. D. | 7.593 | 7.509 | 6.554 | 5.378 | 3.611 | 3.669 | 3.220 | 2.839 | 3.713 | 5.476 | 7.548 | 7.495 |
| 22 | TOTAL OBS | 153 | 141 | 155 | 150 | 155 | 150 | 155 | 155 | 120 | 155 | 149 | 1784 |
| | MEAN | 1023.7 | 1020.8 | 1015.2 | 1015.0 | 1012.4 | 1011.8 | 1012.2 | 1012.6 | 1014.3 | 1017.8 | 1020.5 | 1016.6 |
| | S. D. | 7.560 | 7.511 | 6.563 | 5.353 | 3.696 | 3.566 | 2.963 | 2.862 | 3.714 | 5.541 | 7.471 | 7.052 |
| ALL HOURS | TOTAL OBS | 151 | 140 | 155 | 145 | 155 | 149 | 154 | 155 | 120 | 155 | 149 | 1774 |
| | MEAN | 1023.6 | 1020.8 | 1015.1 | 1015.1 | 1012.2 | 1011.6 | 1012.1 | 1012.9 | 1014.7 | 1018.1 | 1020.5 | 1016.6 |
| | S. D. | 7.840 | 7.686 | 6.806 | 5.752 | 4.165 | 4.198 | 3.430 | 3.213 | 4.085 | 5.673 | 7.587 | 7.281 |
| | TOTAL OBS | 921 | 846 | 936 | 901 | 931 | 900 | 930 | 924 | 722 | 933 | 894 | 10748 |
| | MEAN | | | | | | | | | | | | |